

**2023 MONITORING REPORT FOR WATER RIGHT
PERMIT NOS. 63-32680, 63-33207, 63-33296, 63-
33884, 63-34038, 63-34202, 63-34221, 63-34373, 63-
34374 AND 63-34385**

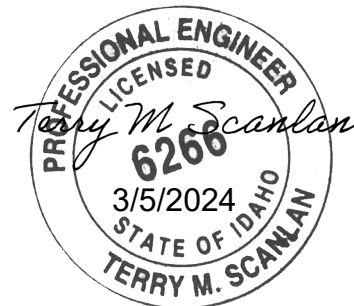
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Executive Summary

This report is the tenth annual report prepared as required by the monitoring plan for water right permits 63-32680 and 63-33296 and the eighth annual report prepared for permits 63-34038 and 63-33207. Additionally, this is the sixth year that this report contains data for permits 63-34202 and 63-34221. Permit 63-34385 was acquired by CS Property Development LLC in October 2019 and is included in this report. Permits 63-33884, 63-34373 and 63-34374 were acquired by CS Property Development LLC in January 2022 and monitoring data are included with this report.

2023 Permit Activities

1. Nine irrigation supply wells (Irrigation Wells No. 1, 2, 3, 4, 6, 7, 9, 10 & 12), a monitoring well, and two industrial supply wells (Plant Wells No. 1 and No. 2) for the CS Beef packing plant were monitored in 2023.
2. In summer 2023, a temporary pump was installed for water quality sampling in the Monitoring Well. Transducer equipment was removed from the well on July 12, 2023, and reinstalled November 8, 2023. Based on the surveyed measuring point elevation at the Monitoring Well, static water-level elevations were 0.37 feet lower on January 1, 2024, than January 1, 2023.
3. Irrigation Well No. 11 was not used during the 2023 irrigation season. Monitoring of Irrigation Well Nos. 5, 10, and 12 commenced in 2023. The total combined diversion volume for the ten irrigation wells in 2023 was 5,054 acre-feet.
4. Total diversion volume in 2023 from the plant wells was approximately 1,590 acre-feet. Estimated 2023 volume was 0.2% greater than in 2022.
5. Permits 63-33207 and 63-34038 authorize a total maximum diversion rate of 7.00 cfs, able to produce 3,600 af for industrial use annually. Diversion volume for industrial use was within permit limits.

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Appendix A: Water Right Reports and 63-32680/63-33296 Monitoring Plan

Appendix B: Well Driller's Reports for Production and Monitoring Wells

1. BACKGROUND

1.1. Applicable Water Right Permits

Ten water right permits utilize wells monitored under this monitoring program. Water right permit reports are provided as Appendix A and the permits are described below.

1.1.1. Permits 63-32680 and 63-33296

Kuna Cole-880, LLC, Azel Development Group, LLC, Boise Investment Group, LLC, Noelle Holdings, LLC, as tenants in common, applied for water right permit 63-32680 on May 22, 2007. The water right application sought 7.0 cfs for municipal use by 2250 homes as part of a proposed planned community. The application was amended on September 1, 2009, to seek 5.22 cfs for irrigation of 261 acres, and was subsequently assigned to Kirkwood Bank & Trust Company on September 22, 2011.

Kuna Cole-880, LLC, Azel Development Group, LLC, Boise Investment Group, LLC, Noelle Holdings, LLC, as tenants in common, applied for water right permit 63-33296 on November 6, 2009. The water right application sought 15.22 cfs for irrigation of 761 acres. The application was assigned to Kirkwood Bank & Trust Company on September 22, 2011, and was subsequently amended to seek 10.46 cfs for irrigation of 521 acres on January 12, 2012.

Both permit applications were protested by United Water Idaho and the Idaho Department of Corrections. A stipulation was entered between the protestants and the applicant to settle the protests. The stipulation included combined limits on diversion rates and irrigated acres, and the requirement for compliance with an approved monitoring plan (Appendix A). The monitoring plan requires monitoring of water levels and pumping volumes, and includes specific requirements for monitoring equipment at a dedicated monitoring well and at each supply well

Kirkwood Bank assigned the permits to Ray and Susan Montierth on March 14th, 2014. Ray and Susan Montierth assigned the permits to J.R. Simplot Company on January 6, 2015. J.R. Simplot Company assigned the permits to CS Property Development LLC on April 6, 2016. Statements of completion for submitting proof of beneficial for 63-32680 and 63-33296 were submitted to the Idaho Department of Water Resources (IDWR) on June 20, 2018.

The permits were approved by the Idaho Department of Water Resources (IDWR) on July 17, 2013. Permit 63-32680 authorizes diversion of up to 5.22 cfs for irrigation of up to 261 acres within a 1,680-acre permissible place of use. Permit 63-33296 authorizes diversion of up to 10.46 cfs for irrigation of up to 523 acres located within a 1,680-acre permissible place of use. The two permits authorize irrigation of up to 784 acres within the property, with a combined maximum diversion rate of 11.76 cfs (5,278 gpm) and a maximum annual diversion volume of 3,528 acre-feet (4.5 acre-feet per acre).

Proof of beneficial use for permits 63-32680 and 63-33296 was submitted June 20, 2018.

1.1.2. Permit 63-33207

Jim Hutchings applied for water right 63-33207 on May 15, 2009 and amended the permit on March 24, 2010. The permit application sought 3.0 cfs for irrigation of 200 acres. The permit was approved on September 25, 2013, and assigned to J.R. Simplot Company on March 26, 2015. The application was amended to change the use to industrial purposes, and was subsequently assigned to CS Property Development, LLC on April 6, 2016.

Permit 63-33207 authorizes 3.00 cfs from ground water for industrial purposes with a 700-acre-foot annual diversion limit. The permit requires monthly measurement of flow rate, volume and requires monthly water-level measurements from one point of diversion authorized for this right.

Proof of beneficial use for permit 63-33207 was submitted August 14, 2023.

1.1.3. Permit 63-33884

Ray and Susan Montierth applied for water right 63-33884 on December 6, 2013, then submitted an amended application on February 2, 2015 and a second amended application on March 16, 2015. A portion of 63-33884 was subsequently assigned to J.R. Simplot Company on September 28, 2015 and the assigned portion was renumbered to 63-34221. Ray Montierth sold property to GC Kuna Land, L.C. who then assigned permit 63-33884 to CS Property Development LLC on January 24, 2022.

Permit 63-33884 authorizes 9.42 cfs for irrigation of up to 471 acres within a 1,542-acre permissible place of use. Water right permits 63-33884 and 63-34373 share a combined use limit of 9.42 cfs and maximum diversion volume of 2,120 acre-feet. The permit requires measuring devices at each point of diversion, monthly flow rate and diversion volume records as well as installation of a permanent water-level transducer in one of the production wells. Water-level measurements are not required monthly, but manual water levels are to be taken approximately 30 days before and after the irrigation season. No annual report is required, but a report will be needed for submission with proof of beneficial use.

Proof of beneficial use for permit 63-33884 is due October 1, 2024

1.1.4. Permit 63-34038

J.R. Simplot Company applied for water right 63-34038 on February 6, 2015 and amended the application on June 26, 2015. The amended permit application sought 3.2 cfs for irrigation of 160 acres and 4.0 cfs for industrial use, with a total diversion rate of 4.0 cfs. The permit was approved on October 26, 2015, and assigned to CS Property Development LLC on April 6, 2016. The permit requires monthly measurement of flow

rate and volume and requires monthly water-level measurements from all points of diversion authorized for this right.

Proof of beneficial use for permit 63-34038 is due November 1, 2025.

1.1.5. Permit 63-34202

CS Property Development LLC applied for water right 63-34202 on February 29, 2016 seeking 4.96 cfs for irrigation of 248 acres. The permit was approved with conditions requiring monthly recording of flow rates diversion volumes, and water levels at the points of diversion. An annual report is not required, but a report will be needed for submission with proof of beneficial use.

Proof of beneficial use for permit 63-34202 is due May 1, 2027.

1.1.6. Permit 63-34221

Ray and Susan Montierth applied for water right 63-33884 on December 6, 2013, then submitted an amended application on February 2, 2015 and a second amended application on March 16, 2015. A portion of 63-33884 was subsequently assigned to J.R. Simplot Company on September 28, 2015 and the assigned portion was renumbered to 63-34221. J.R. Simplot Company then assigned permit 63-34221 to CS Property Development LLC in 2016, who amended the permit in 2017.

Permit 63-34221 authorizes 0.44 cfs for irrigation of up to 22 acres within a 147-acre permissible place of use. The permit requires monthly flow rate and diversion volume records as well as installation of a permanent water-level transducer in one of the production wells. Water-level measurements are not required monthly, but manual water levels are to be taken approximately 30 days before and after irrigation season. No annual report is required, but a report will be needed for submission with proof of beneficial use.

Proof of beneficial use for permit 63-34221 is due October 1, 2026.

1.1.7. Permit 63-34373

Ray and Susan Montierth applied for water right 63-34373 on April 20, 2017 to store surface water from Pleasant Valley Irrigation Company and ground water in a lined pond. The permit was signed in 2020 authorizing a diversion to storage rate of 4.50 cfs to store up to 800 acre-feet of ground water to irrigate up to 187 acres annually. Water right permits 63-33884 and 63-34373 share a combined use limit of 9.42 cfs and maximum diversion volume of 2,120 acre-feet. Ray Montierth sold property to GC Kuna Land, L.C. who then assigned permit 63-34373 to CS Property Development LLC on January 24, 2022. The permit requires the right holder to record the quantity of water diverted and annually report diversions.

Proof of beneficial use for permit 63-34373 is due January 1, 2025.

1.1.8. Permit 63-34374

Ray and Susan Montierth applied for water right 63-34374 on April 20, 2017 to construct a well and irrigate up to 300 new acres. The permit was signed in 2020 authorizing a diversion of 6.00 cfs to irrigate up to 300 acres annually. Ray Montierth sold property to GC Kuna Land, L.C. who then assigned permit 63-34373 to CS Property Development LLC on January 24, 2022. The permit requires the right holder to record the quantity of water diverted and annually report diversions.

Irrigation Well 8 was constructed under Metal Tag #D0097870. The permit holder intends to irrigate under authorization of this permit during the 2024 irrigation season.

Proof of beneficial use for permit 63-34374 is due January 1, 2025.

1.1.9. Permit 63-34385

Anderson Enterprises applied for water right 63-33882 in 2014 to recognize three existing wells and add 68 acres of irrigation use. A portion of 63-33882 was subsequently assigned to Nicholson Properties LP on December 9, 2016 under child right 63-34385. Permit 63-34385 was subsequently assigned to CS Property Development LLC in 2019. In 2020, CS Property Development LLC filed to amend the permits points of diversion and place of use.

Today, the permit authorizes 0.84 cfs for irrigation of up to 264 acres out of irrigation wells #5-#7. The permit requires monthly flow rate and diversion volume records as well as installation of a permanent water-level transducer in one of the production wells. Water-level measurements are also required monthly. No annual report is required, but the data is to be collected until notified otherwise by IDWR.

Proof of beneficial use is due October 1, 2027. A permit amendment was submitted in June 2022 and is currently pending.

1.2. Project Site

The project area is located approximately 7 miles southeast of Kuna, Idaho, in portions of Sections 3, 10, 11, 12, 13, 14, 23, and 24 of Township 1 North, Range 1 East, and Section 6, 7, and 18 of Township 1 North, Range 2 East, Ada County, Idaho (Figure 1). Total area is approximately 4,660 acres.

The project site is accessed from South Cole Road. The northern portion of the property is bisected by the Union Pacific Railroad.

Nicholson Wells (Irrigation Wells 5, 6, & 7) were constructed prior to well construction standards. Well records from the 1970's or later may be difficult to interpret or missing completely. Irrigation Well 7 was drilled in 1973.

Missouri Beef Packers Wells (Irrigation Well 10, 11, & 12) were constructed between 1972 to 1987. These wells serviced the former Tyson Foods industrial plant.

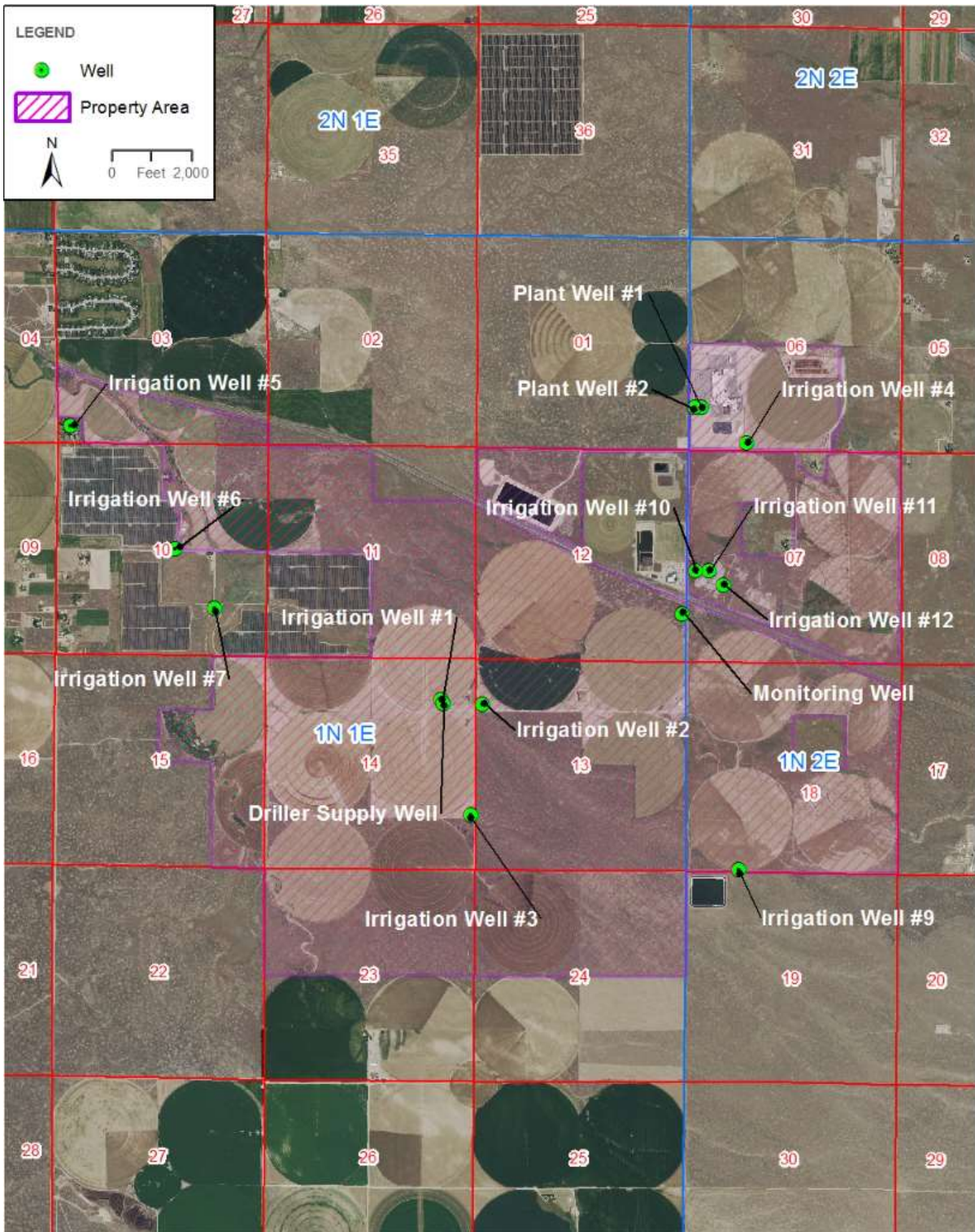


Figure 1. Project Location Map

2. 2023 ACTIVITIES

2.1. Water Level Monitoring

Water-level data from electronic transducers in the irrigation wells and Monitoring Well are required to be collected 3 times per year. The current schedule specifies that these events should occur between January 15th and 30th, March 1st and 15th, and November 15th and 30th of each year. During the data collection events, manual groundwater level measurements are also to be taken at each well with a non-stretch electric well sounder and flow meter readings should be recorded. Water-level measurements are often difficult to obtain in irrigation wells due to a substantial amount of vertical-turbine pump oil on top of the water column. When water-level measurements are not obtainable, top-of-oil measurements are taken instead. To maintain consistency, all depth measurements reported here for Irrigation Well Nos. 1, 2, 3, and 4 are to top of oil. Monthly airline water-level measurements and flow meter readings are also scheduled for four irrigation wells and both plant wells. Flow and totalizer readings are included for irrigation wells 5, 6, 7, 9, 10, and 12.

Monitoring details for each well during the 2023 monitoring period are provided below.

Irrigation Well No. 1. The Van Essen Micro-Diver transducer in Irrigation Well No. 1 recorded data for all of 2023. Airline water-level measurements were recorded throughout the year. Water-level measurements indicate groundwater levels fluctuated from a peak level on April 10, 2023, to the lowest level on August 19, 2023, totaling 28.9 feet during the irrigation season. Water levels had recovered to -0.43 feet year over year (from January 1, 2023, to January 1, 2024).

Irrigation Well No. 2. The Solinst Levellogger transducer in Irrigation Well No. 2 recorded data for all of 2023. Manual water-level measurements were collected in January and November. Airline water-level measurements were recorded throughout the year. Water-level measurements indicate groundwater levels fluctuated from a peak level on April 11, 2023, to the lowest level on August 19, 2023, totaling 28.9 feet during the irrigation season. Water levels had recovered to -0.39 feet year over year (from January 1, 2023, to January 1, 2024).

Irrigation Well No. 3. The Solinst Levellogger transducer in Irrigation Well No. 3 recorded data until it was lost in the well on November 16, 2020. Manual water-level measurements were last collected in January 2022. Since then, the sounding tube has become clogged with transducer cable and metal tape. Access to the water level is no longer available until the sounding tube is serviced. Depending on the sounding tube construction, the transducer may be recovered and data adjusted to account for the increase in water pressure.

Airline water-level measurements were recorded throughout the year and indicate groundwater levels fluctuated approximately 28 feet during the irrigation season. Water levels had fully recovered year over year (242 ft. bmp) according to this data, however

because transducer data cannot be collected, an unknown amount of error should be considered.

Irrigation Well No. 4. Airline water-level measurements were recorded for Irrigation Well No. 4 throughout the year, although there is some uncertainty about the airline's setting depth and the water-level readings do not match anticipated groundwater levels. Since there is no access port in the well head, a sounder cannot be used to calibrate the airline and a transducer cannot be installed. Based on airline measurements, water levels fluctuated roughly 11 feet during the irrigation season and had fully recovered year over year (280 ft. bmp).

Irrigation Well No. 5. Access was granted to collect flow and monthly volume data for the 2023 irrigation season. This well does not provide access to static or pumping water levels.

Irrigation Well No. 6. This well does not provide access to static or pumping water levels.

Irrigation Well No. 7. This well does not provide access to static or pumping water levels.

Irrigation Well No. 8. This well was constructed during the 2023 irrigation season. Water level monitoring will commence in 2024.

Irrigation Well No. 9. This well does not provide access to static or pumping water levels.

Irrigation Well No. 10. This well does not provide access to static or pumping water levels.

Irrigation Well No. 11. This well does not currently have a pump and motor installed and is not connected to the irrigation system.

Irrigation Well No. 12. This well does not provide access to static or pumping water levels.

Monitoring Well. A non-stretch electric line well sounder was used to determine water levels in the Monitoring Well in February, April, May, June and November 2023. A temporary pump and motor was installed in the well to collect water quality samples. The transducer was removed on July 12 and re-installed November 8, 2023. Data from the well was downloaded in January 2024. Water-level measurements recorded a peak level on April 10, 2023. Data that would normally record low levels was not recorded due to the temporary removal of equipment, so total fluctuation was not measured for this season. Water levels had declined 0.44 feet year over year (from January 1, 2023 to January 1, 2024).

Plant Well No. 1. Plant Well No. 1 was completed in 2015 but had not been used for water supply until late spring of 2017 when the CS Beef Packers plant opened. A manual water-level measurement was collected on August 30, 2017, using a well sounder, but

subsequent water-level measurements have been taken using an airline to minimize potential for contamination of this public drinking water system well. Airline measurements were taken throughout the year. Plant Well No. 1 was pumping water during every 2023 site visit. The minimum depth to water during the year was 310 feet in December, and the maximum depth to water was 317 feet in August and October for a total fluctuation of 7 feet.

Plant Well No. 2. Plant Well No. 2 was also completed in 2015 and first used in 2017. The well is equipped with an airline which is calibrated against a non-stretch well sounder. A new Solinst Edge water-level transducer was installed in this well on October 4, 2018 to meet the monitoring requirements of water permit 63-34221.

Plant Well No. 2 was pumping water during four site visits in 2023. Historically, the transducer data shows four distinct water-level trendlines: one when Plant Well No. 2 is being pumped, one when Plant Well No. 1 is being pumped, one when neither Plant Wells is being pumped, and one when both Plant Wells are being pumped. In 2021, the transducer data appears to show water levels suddenly declining to below the transducer setting depth. However, this transducer data did not match current or historical manual and airline data and so was not believed to be an accurate representation of water level conditions. Work on the well was not performed and the unit was not pulled from the well, so this was believed to be due to monitoring equipment failure.

A new Solinst Levellogger 5 (M30; Serial Number 2153127) was installed April 19, 2022. Data was collected later that year in October, 2022. The 2022 data still showed distinct pumping levels, however, also indicates three significant shifts in water. In real world scenarios, these shifts would indicate a physical change in transducer location within the sounding tube. Plant Well #2 was not serviced during this period, the sounding tube was not modified, and the length of cable hanging the transducer in the well was not moved. No other explanation was found other than a malfunction of the device. A task order for 2023 included budget for new monitoring equipment. Plant Well #2 received a new vanEssen Micro-Diver (DI605) in 2023. A 110-meter diver data cable was also installed on June 20, 2023. This provides quick access to the diver, saves time on downloading, and provides real-time data.

Using the monthly airline data, water levels in Plant Well #2 varied from roughly 294 feet with Plant Well No. 1 pumping and 317 feet with both Plant Wells pumping. Water levels for each case fluctuated by approximately 5 to 7 feet. A change in the transducer cable on June 20 resulted in a shift of 35.5 feet. A correction was made to the data to account for this drop.

Water-level data through 2023 are provided electronically to IDWR and summarized below in Figure 2.

CS Beef Groundwater Monitoring - Kuna
Depth to Water (BMP) June 2014 to December 2023

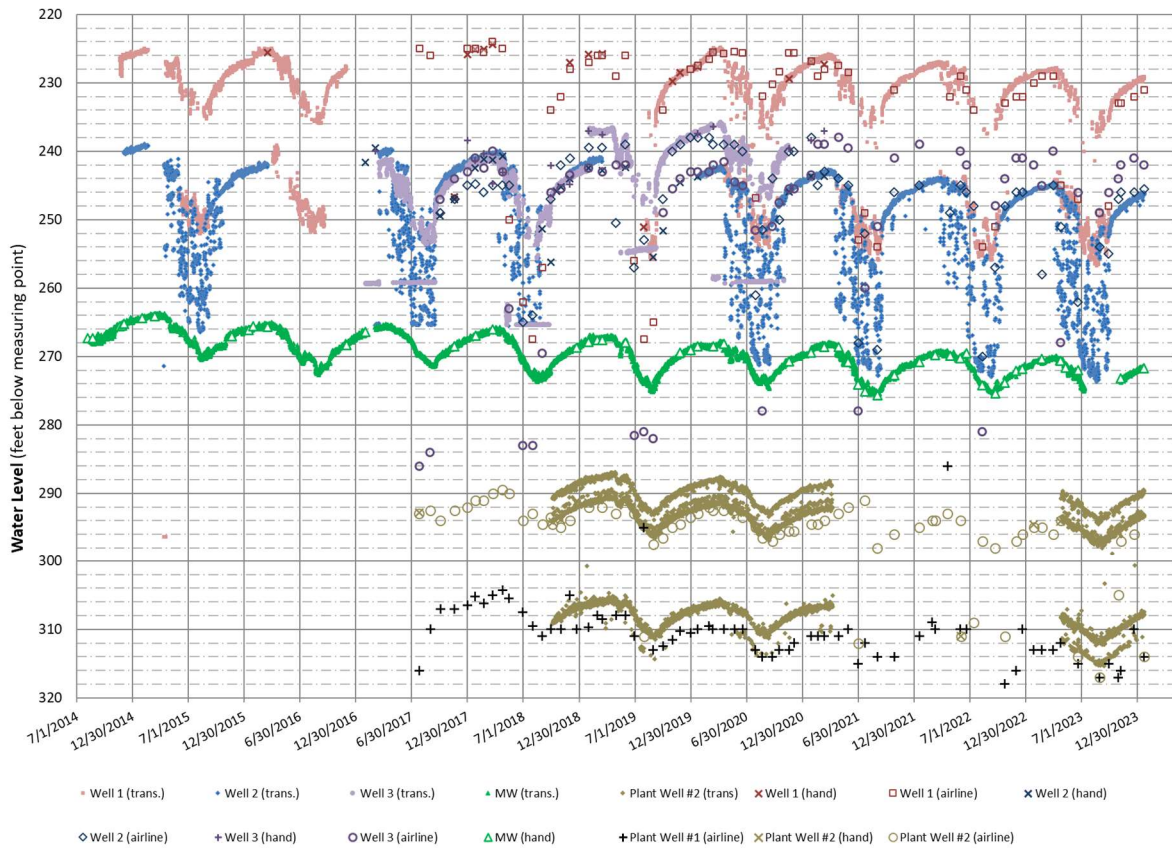


Figure 2. Water-level hydrographs to January 2023

2.2. Flow Monitoring

2.2.1. Irrigation Wells

Irrigation pumping occurred between April 4 and October 1 in 2023. All the irrigation wells in use are equipped with electromagnetic flow meters. Well 11 is not currently connected to the system. A time frame of January 2023 to January 2024 was used to calculate a total volume pumped of 5,385 acre-feet .

- The flow meters at Irrigation Well Nos. 1 through 7 have complete totalizer readings for 2023.
- Irrigation Well No. 6 diverts water through two mainlines which split at the well head in a north and west direction. The well provides irrigation water through the north pipe, and industrial water to a solar energy use to the west. Water diverted through the west pipe were not added to the irrigation total use.

- Irrigation Well No. 8 was completed in late 2023 and will begin diverting water into the system in 2024.
- Irrigation Well No. 9 through 12 did not have power until April 2023.
- Irrigation Well No. 11 has no pump and motor and was not connected to the irrigation system in 2023.

Table 2 summarizes the monthly instantaneous and totalized flow readings for the irrigation wells.

Table 2. 2023 Irrigation Wells Monthly Flow Monitoring

Date	Irrigation Well 1			Irrigation Well 2			Irrigation Well 3			Irrigation Well 4			Irrigation Well 5		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/26/2023	0	0	0		3534	0	0	2638	0	0	981	0	0	272	0
2/22/2023	0	0	0	0.0	3534	0	0.0	2637.9	0.0	0	981	0	0	272	0
3/31/2023	0	0	0	0.0	3534	0	0.0	2637.9	0.0	0	981	0	0	272	0
4/25/2023	2243	62	62	730	3553	19	2600	2675	37	0	985	4	1230	282	10
5/11/2023	0	169	108	0	3570	17	0	2766	92	0	10	-974	0	324	42
6/20/2023	2145	435	266	2368	3595	25	0	2958	191	0	58	47	0	NP	NP
7/26/2023	0	774	338	2595	3639	44	2560	3246	288	0	148	90	1200	447	124
8/30/2023	2127	1078	304	0	3665	26	0	3574	328	0	212	64	0	560	113
9/28/2023	2130	1242	165	740	3671	6	0	3684	110	383	256	44	0	603	43
10/30/2023	0	1268	25	0	3672	1	0	3684	0	0	279	24	0	603	0
11/8/2023	0	1269	2	0	3672	0	0	3684	0	0	279	0	0	603	0
12/21/2023	0	1269	0	0	3672	0	0	3684	0	0	279	0	0	603	0
1/22/2024	0	1269	0	0	3672	0	0	3684	0	0	279	0	0	603	0
2023 TOTAL			1,269			138		1046			283				331

Date	Irrigation Well 6						Irrigation Well 7			Irrigation Well 9			Irrigation Well 10			Irrigation Well 12		
	North Pipe			West Pipe *			Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading												
1/26/2023	0	1143	74	0	65	0	0	602	0	0	NP	NP	NP	NP	NP	NP	NP	NP
2/22/2023	0	1162	19	0	65	0	0	602	0	0	NP	NP	NP	NP	NP	NP	NP	NP
3/31/2023	0	NP	NP	0	NP	NP	0	NP	NP	0	NP	NP	NP	NP	NP	NP	NP	NP
4/25/2023	1440	1226	64	0	65	0	1160	609	8	0	4824	---	0	1006	---	0	423	---
5/11/2023	0	1276	50	0	65	0	0	626	16	0	4866	42	0	1006	0	930	424	0
6/20/2023	520	1349	73	0	78	12	1115	665	39	0	5097	231	0	1051	45	0	443	19
7/26/2023	1364	1479	130	0	82	4	1135	781	116	2790	5460	363	900	1143	92	525	464	20
8/30/2023	0	1605	126	0	86	3	0	888	107	2671	5777	317	876	1242	99	542	511	47
9/28/2023	0	1680	75	0	89	3	0	931	42	0	5865	89	953	1292	50	0	539	28
10/30/2023	0	1685	5	0	100	12	0	931	0	0	5865	0	0	1296	4	0	539	0
11/8/2023	0	1685	0	0	100	0	0	931	0	0	5865	0	0	1296	0	0	539	0
12/21/2023	0	1685	0	0	100	0	0	931	0	0	5865	0	0	1296	0	0	539	0
1/22/2024	0	1685	0	0	100	0	0	931	0	0	5865	0	0	1296	0	0	539	0
2023 TOTAL			542			35			329		1041			290			115	

NP = No Power

* Irrigation Well 6 West Pipe is not used for irrigation

2023 Irrigation Total (af)	5,385
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2.2.2. Industrial Wells

The two Plant Wells were put into service in 2017 and both are equipped with electromagnetic flow meters. These wells are used year-round to supply water to the CS Beef Packers plant. From January 26, 2023, to January 22, 2024, Plant Well No. 1 provided 784.2 acre-feet to the plant and Plant Well No. 2 supplied 787.2 acre-feet for a combined volume of 1,571.4 acre-feet. Table 3 provides a summary of the recorded instantaneous and totalized flows from the Plant Wells.

Table 3. 2023 Industrial Wells Monthly Flow Monitoring

Date	Plant Well 1 (east)			Plant Well 2 (west)		
	Flow (gpm)	Totalizer (af)	AF since previous reading	Flow (gpm)	Totalizer (af)	AF since previous reading
1/26/2023	1134	4,394	84	0	3486	70.1
2/22/2023	1120	4,454	61	0	3541	54.5
3/31/2023	1113	4,538	84	0	3617	75.9
4/25/2023	1120	4,594	56	0	3665	48.3
5/11/2023	1130	4,629	34	0	3701	36.0
6/20/2023	1095	4,718	90	1090	3784	83.1
7/26/2023	1100	4,802	84	1090	3862	78.0
8/30/2023	1120	4,876	74	1085	3947	85.2
9/28/2023	1116	4,937	61	0	4017	70.2
10/30/2023	1105	5,004	67	1088	4094	76.2
11/8/2023	1110	5,022	18	0	4115	21.1
12/21/2023	1120	5,109	86	0	4206	91.5
1/22/2024	1106	5,178	69.1	1094	4273	67.3
2023 TOTAL			784.2			787.2

2023 Total (af)	1571.4
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The industrial diversion volume over number of days between data collection points provides an average use per day. Water for industrial use has increased each year from 2018 to 2021 as the plant continues to grow. The 2023 industrial use was consistent with 2022 use, varying by less than 1 percent. Table 4 below summarizes the annual diversion volume each year and the increasing demand since 2018.

Table 4. Annual Diversion of Ground Water for Industrial Purposes

	2018	2019	2020	2021	2022	2023
PW1 (af)	657	668	762	752	794	784
PW2 (af)	579	597	617	656	831	787
Total af	1,236	1,264	1,379	1,408	1,625	1,571
Days (Jan - Jan)	371	357	372	354	374	361
af/day	3.33	3.54	3.71	3.98	4.34	4.35
YoY (af/day)		0.21	0.17	0.27	0.36	0.01
YoY		6.36%	4.66%	7.40%	9.10%	0.20%

3. SUMMARY

1. Monitoring was conducted in 2023 as required for permits 63-32680, 63-33207, 63-33296, 63-33884, 63-34038, 63-34202, 63-34221, 63-34373, 63-34374 and 63-34385.
2. Pressure transducers collected water level data without incident from Irrigation Well No. 1, and Irrigation Well No. 2 for all of 2023.
3. Water right permit 63-34038 condition of approval requires each point of diversion to allow measurement of the static water level in the well monthly. No work to sounding tube or retrieve the transducer in Irrigation Well number 3 was made in 2023. Air-line readings were collected from the well site monthly. HDR recommends servicing Irrigation Well 3 to clear obstructions or repair the sounding tube.
4. Plant Well No. 2 has had a history of issues recently with transducer equipment. A new Solinst Levellogger 5 pressure transducer was installed in April 2022. The data was retrieved and displayed dramatic shifts in water level which do not match hand measurement or historical trends. A new vanEssen Micro-Diver was installed in April 2023 on the existing steel cable. A direct read cable was installed in June 2023, which is approximately 35.5 feet longer than the steel cable. The longer cable resulted in higher water pressure on the transducer causing a large shift in the plotted data. The data was corrected to remain consistent with historical readings.
5. An airline is installed in Irrigation Well No. 4, but no sounder access is available. Without the sounding tube, the airline cannot be calibrated, but fluctuations can be measured within the precision of an airline gage.
6. Water right permit 63-34385 was acquired by CS Properties in January 2022. This permit authorizes irrigation use that is diverted from Irrigation Wells 5, 6, and 7. A condition of approval requires at least one point of diversion to allow measurement of the static water level in at least one well. HDR recommends CS Beef services one of these wells to install a sounding tube to satisfy the condition in 2024.
7. Barometric data corrects for atmospheric pressure within the well data. The battery of the pressure transducer recording barometric data in the CS Beef Monitoring Well failed in 2022 and was replaced April 25, 2023. Average historical data was used to estimate barometric pressure from January 1, 2023, to April 25, 2023.
8. A sampling pump was installed in the Monitoring Well on July 12, 2023, and the transducer recording water levels was removed. The transducer was re-installed on November 8, 2023. Data that would normally record seasonal low levels was not recorded due to the temporary removal of equipment, so total fluctuation within this well was not measured for 2023. Water levels had declined 0.44 feet year over year (from January 1, 2023, to January 1, 2024).

9. Irrigation diversions in 2023 occurred from Irrigation Wells Nos. 1 through 7, 9, 10, and 12. Total diversion volumes for these wells were determined based on totalizer readings collected from each of the well sites. The combined total diversion volume for irrigation use that could be recorded was 5,385 acre-feet in 2023. The increase in volume over 2022 can be attributed to the additional monitoring of Irrigation Well Nos. 5, 9, 10 and 12.
10. Plant Wells No. 1 (East) and No. 2 (West) were used throughout 2023 to supply industrial water for the CS Beef Packers plant. The wells are equipped with airlines for water-level measurements and electromagnetic flow meters. Total combined diversion volume from January 26, 2023, to January 22, 2024, was approximately 1,571 acre-feet with 784 acre-feet from Plant Well No. 1 and 787 acre-feet from Plant Well No. 2. Industrial demand in 2023 was consistent with 2022 demand.

Appendix A
Water Right Reports and 63-32680/63-33296
Monitoring Plan

Close

Water Permit Report: 63-32680(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	BOISE INVESTMENT GROUP LLC	C/O NICK FERGIS 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	AZEL DEVELOPMENT GROUP LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	KUNA COLE 880	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	NOELLE HOLDINGS LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 5/22/2007
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	11	SW	SE	ADA		
GROUND WATER	01N	01E	11	SE	SE	ADA		
GROUND WATER	01N	01E	14	NE	NE	ADA		
GROUND WATER	01N	01E	14	NW	NE	ADA		
GROUND WATER	01N	01E	14	SW	NE	ADA		
GROUND WATER	01N	01E	14	SE	NE	ADA		
GROUND WATER	01N	01E	14	NE	SE	ADA		
GROUND WATER	01N	01E	14	NW	SE	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	5.22 CFS	
TOTAL			5.22 CFS	

Places of Use

Printable View Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	11		SW	SE		40

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	11			SE	SE	40
01N	01E	12			NE	NW	40
01N	01E	12			NW	NW	40
01N	01E	12			SW	NW	40
01N	01E	12			SE	NW	40
01N	01E	12			NE	SW	40
01N	01E	12			NW	SW	40
01N	01E	12			SW	SW	40
01N	01E	12			SE	SW	40

Showing 1 to 10 of 42 entries

Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres Acre Limit

1680.00

Conditions

Code Condtions

Rights 63-32680 and 63-33296, when combined, shall not exceed a total diversion rate of 11.76 cfs, a total annual maximum diversion volume of 3,528 af at the field headgate, and the irrigation of 784 acres.

This right is limited to the irrigation of 261 acres within the place of use described above in a single irrigation season.

Diversion and use of water in connection with this right is subject to a Monitoring Plan approved by the Department. In the event of a failure to comply with any component of the Monitoring Plan, after actual notice and a reasonable opportunity to cure, the right holder shall cease further diversions under the right until such noncompliance is remedied. Failure to comply with any approval condition, including the Monitoring Plan, shall be cause for the Department to cancel or revoke this right, or for an administrative or judicial action enjoining use of the right after actual notice and a reasonable opportunity to cure.

Proof of application of water to beneficial use shall be submitted no sooner than July 1, 2017 and no later than July 1, 2018.

No less than four (4) years of ground water monitoring data shall be submitted in connection with filing proof of beneficial use for this right. The right holder shall also submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the approved Monitoring Plan and the conditions of approval of this right. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in lapsing or cancellation of the permit.

Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior notification to the Department.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under his right.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

004 This right does not grant any right-of-way or easement across the land of another.

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

This right authorizes the construction of 2 supply wells as points of diversion.

The Department shall be notified prior to the installation and calibration of flow meters on all supply wells.

Dates

Licensed Date :
 Decreed Date :
 Permit Proof Due Date : 7/1/2018
 Permit Proof Made Date : 6/20/2018
 Permit Approved Date : 7/17/2013
 Permit Moratorium Expiration Date :

Other Information

State or Federal :
 Water District Number : TBD
 Generic Max Rate Per Acre : 0.02
 Generic Max Volume Per Acre : 4.5
 Civil Case Number :
 Decree Plaintiff :

Enlargement Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Received Date: 9/7/2016
Protest Deadline Date: 1/2/2017

Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

3/1/2024

Close

Water Permit Report: 63-33296(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	BOISE INVESTMENT GROUP LLC	C/O NICK FERGIS 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	KUNA COLE 880 LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	AZEL DEVELOPMENT GROUP LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Original Owner	NOELLE HOLDINGS LLC	C/O NICK FERGIS BOISE INVESTMENT GROUP LLC 12515 COUNTY RD 22	CORTEZ	CO	81321
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 11/6/2009
Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	12	SW	NW	ADA		
GROUND WATER	01N	01E	12	SE	NW	ADA		
GROUND WATER	01N	01E	13	NW	NE	ADA		
GROUND WATER	01N	01E	13	NW	NW	ADA		
GROUND WATER	01N	01E	13	NE	SE	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	10.46 CFS	
TOTAL			10.46 CFS	

Places of Use

Printable View Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	11		SW	SE		40
01N	01E	11		SE	SE		40
01N	01E	12		NE	NW		40

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	12			NW	NW	40
01N	01E	12			SW	NW	40
01N	01E	12			SE	NW	40
01N	01E	12			NE	SW	40
01N	01E	12			NW	SW	40
01N	01E	12			SW	SW	40
01N	01E	12			SE	SW	40

Showing 1 to 10 of 42 entries

Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres	Acre Limit
1680.00	

Conditions

Code Conditions

Rights 63-32680 and 63-33296, when combined, shall not exceed a total diversion rate of 11.76 cfs, a total annual maximum diversion volume of 3,528 af at the field headgate, and the irrigation of 784 acres.

This right is limited to the irrigation of 523 acres within the place of use described above in a single irrigation season.

Diversion and use of water in connection with this right is subject to a Monitoring Plan approved by the Department. In the event of a failure to comply with any component of the Monitoring Plan, after actual notice and a reasonable opportunity to cure, the right holder shall cease further diversions under the right until such noncompliance is remedied. Failure to comply with any approval condition, including the Monitoring Plan, shall be cause for the Department to cancel or revoke this right, or for an administrative or judicial action enjoining use of the right after actual notice and a reasonable opportunity to cure.

Proof of application of water to beneficial use shall be submitted no sooner than July 1, 2017 and no later than July 1, 2018.

No less than four (4) years of ground water monitoring data shall be submitted in connection with filing proof of beneficial use for this right. The right holder shall also submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the approved Monitoring Plan and the conditions of approval of this right. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in lapsing or cancellation of the permit.

Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior notification to the Department.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under his right.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

004 This right does not grant any right-of-way or easement across the land of another.

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

This right authorizes the construction of 2 supply wells as points of diversion.

The Department shall be notified prior to the installation and calibration of flow meters on all supply wells.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 7/1/2018
Permit Proof Made Date : 6/20/2018
Permit Approved Date : 7/17/2013
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :

Other Information

State or Federal :
Water District Number : TBD
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plaintiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :

Application Received Date: 11/6/2009

Protest Deadline Date: 2/20/2012

Cary Act Number :

Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

3/1/2024

Close

Water Permit Report: 63-33207(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	HUTCHINGS, JIM	13690 S CLOVERDALE RD	KUNA	ID	83634-2522
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 3/24/2010
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	3	SW	SW	ADA		
GROUND WATER	01N	01E	10	NW	NE	ADA		
GROUND WATER	01N	01E	10	SW	NE	ADA		
GROUND WATER	01N	01E	10	SE	SE	ADA		
GROUND WATER	01N	01E	11	SW	SE	ADA		
GROUND WATER	01N	01E	11	SE	SE	ADA		
GROUND WATER	01N	01E	12	SW	NW	ADA		
GROUND WATER	01N	01E	12	SE	NW	ADA		
GROUND WATER	01N	01E	13	NW	NE	ADA		
GROUND WATER	01N	01E	13	NW	NW	ADA		
GROUND WATER	01N	01E	13	NE	SE	ADA		
GROUND WATER	01N	01E	14	NE	NE	ADA		
GROUND WATER	01N	01E	14	NW	NE	ADA		
GROUND WATER	01N	01E	14	SW	NE	ADA		
GROUND WATER	01N	01E	14	SE	NE	ADA		
GROUND WATER	01N	01E	14	NE	SE	ADA		
GROUND WATER	01N	01E	14	NW	SE	ADA		
GROUND WATER	01N	02E	6	NW	SW	ADA		
GROUND WATER	01N	02E	6	NW	SW	ADA		
GROUND WATER	01N	02E	6	SW	SW	ADA		
GROUND WATER	01N	02E	6	SW	SW	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
INDUSTRIAL	01/01	12/31	3.00 CFS	
TOTAL			3.00 CFS	

Places of Use

Printable View

Paged View

Place of Use Legal Description : INDUSTRIAL (ADA county)

Show 10 entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	3			NE	SW	
01N	01E	3			NW	SW	
01N	01E	3			SW	SW	
01N	01E	3			SE	SW	
01N	01E	3			SW	SE	
01N	01E	3			SE	SE	
01N	01E	10			NE	NE	
01N	01E	10			NW	NE	
01N	01E	10			SW	NE	
01N	01E	10			SE	NE	

Showing 1 to 10 of 111 entries

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Conditions

Code Conditions

Use of water under this permit shall not exceed an annual diversion volume of 700 acre-feet.

073 Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.

One point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made monthly throughout the year from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

If the Department determines, based on credible evidence, measurement reports, area data, or otherwise, there is a substantial likelihood that diversion and use of groundwater under this right is causing material injury to any senior water right(s), the Department may issue an order to the right holder to show cause why existing diversions should not be reduced under the permit, forego additional diversions, or provide adequate mitigation to remedy any such material injury. Any senior water user alleging material injury may petition the Department to commence a show cause hearing, and the Department shall conduct a hearing.

196 The right holder shall install or construct a straight length of conduit or ditch suitable for installation of a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least fifteen times the diameter of the conduit and shall be above ground or otherwise easily accessible.

The right holder shall install a measuring device acceptable to the Department at the points of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

004 This right does not grant any right-of-way or easement across the land of another.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

Industrial use is for a meat processing and packing facility.

Proof of application of water to beneficial use shall be submitted no sooner than October 1, 2017, and no later than October 1, 2018. A report with no less than 4 years of diversion measurement and aquifer level water monitoring data shall be submitted in connection with filing proof of beneficial use. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in cancellation of the permit.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
 Decreed Date :
 Permit Proof Due Date : 10/1/2023

Other Information

State or Federal :
 Water District Number : TBD
 Generic Max Rate Per Acre : 0.02

Permit Proof Made Date : 8/14/2023
Permit Approved Date : 9/25/2013
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Received Date: 3/24/2022
Protest Deadline Date:

Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plaintiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

3/1/2024

Close

Water Permit Report: 63-33884(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	MONTIERTH, RAY	825 HEARTLAND DR	NAMPA	ID	83686-8156
Representative	SPF WATER ENGINEERING LLC	C/O SCOTT N KING 300 E MALLARD DR STE 350	BOISE	ID	83706

Water Permit Status

Priority Date : 2/2/2015
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	02E	6	NW	NE	ADA		
GROUND WATER	01N	02E	6	NE	NW	ADA		
GROUND WATER	01N	02E	7	NW	SW	ADA		
GROUND WATER	01N	02E	7	NW	SW	ADA		
GROUND WATER	01N	02E	7	NW	SW	ADA		
GROUND WATER	01N	02E	18	SW	SW	ADA		
GROUND WATER	01N	02E	18	SE	SW	ADA		
GROUND WATER	02N	02E	31	SW	SE	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	9.42 CFS	
TOTAL			9.42 CFS	

Places of Use

Printable View Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	12		NW	SE		14
01N	02E	6	1	NE	NE		35
01N	02E	6	2	NW	NE		40
01N	02E	6		SW	NE		40
01N	02E	6		SE	NE		40
01N	02E	6	3	NE	NW		40
01N	02E	6		SE	NW		40
01N	02E	6		NW	SE		6

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	6			SW	SE	6
01N	02E	7			NE	NE	40

Showing 1 to 10 of 42 entries

Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres	Acre Limit
1542.00	471.00

Conditions

Code Conditions

- 206 This right is limited to the irrigation of a specific 471 acres within the 1,542 acre place of use authorized by this right in a single irrigation season. The specific 471 acres to be irrigated by the right holder shall be identified prior to use by submittal of a land list and a representative electronic shape file or by submittal of a land list and a map sufficiently detailed to allow creation of an electronic shape file to be associated with this right in the geographic information system component of the water rights database maintained by the department. Before changing the 471 acres to be irrigated within the 1542 acre place of use, the right holder shall submit a new land list and representative electronic shape file or map to the Department prior to the irrigation season in which the change will occur.

- R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

Annual diversion of low temperature geothermal water from the well located in the Gov't Lt 3 (NWNE), Section 6, Township 01N, Range 02E, B.M. shall not exceed 123 acre-feet annually under water right nos. 63-3362, 63-7531, 63-10383, 63-11347, 63-12546, 63-33884, 63-34221, 63-34222, 63-34223, 63-34224, 63-34225, and 63-34226 combined.

Each authorized point of diversion constructed after issuance of this permit shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate groundwater-level measurements.

The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified otherwise by the Department. The records shall be made available to the Department upon request.

Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made approximately thirty (30) days before the start and approximately thirty (30) days following cessation of seasonal irrigation from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

At least one production well shall be equipped with a non-vented submersible pressure transducer/digital data logger suspended by stainless steel cable of a known length and at a depth that will allow the pressure transducer to always remain submerged. The submersible pressure transducer(s) shall be housed in a sounding tube. The data logger shall be set to collect two (2) water level and temperature readings per day on a year-round basis.

- 020 The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder.

Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. The report shall include raw water level measurements, barometrically corrected water level data, and diversion data. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.

- 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

- 004 This right does not grant any right-of-way or easement across the land of another.

- 26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

- 121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

- 069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 10/1/2024
Permit Proof Made Date :
Permit Approved Date : 9/20/2016
Permit Moratorium Expiration Date :
Enlargement Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Received Date: 12/6/2013
Protest Deadline Date: 7/6/2015

Other Information

State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plaintiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

3/1/2024

Close

Water Permit Report: 63-34038(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 6/26/2015
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	3	SW	SW	ADA		
GROUND WATER	01N	01E	10	NW	NE	ADA		
GROUND WATER	01N	01E	10	SW	NE	ADA		
GROUND WATER	01N	01E	10	SE	SE	ADA		
GROUND WATER	01N	01E	11	SW	SE	ADA		
GROUND WATER	01N	01E	11	SE	SE	ADA		
GROUND WATER	01N	01E	12	SW	NW	ADA		
GROUND WATER	01N	01E	12	SE	NW	ADA		
GROUND WATER	01N	01E	13	NW	NE	ADA		
GROUND WATER	01N	01E	13	NW	NW	ADA		
GROUND WATER	01N	01E	13	NE	SE	ADA		
GROUND WATER	01N	01E	14	NE	NE	ADA		
GROUND WATER	01N	01E	14	NW	NE	ADA		
GROUND WATER	01N	01E	14	SW	NE	ADA		
GROUND WATER	01N	01E	14	SE	NE	ADA		
GROUND WATER	01N	01E	14	NE	SE	ADA		
GROUND WATER	01N	01E	14	NW	SE	ADA		
GROUND WATER	01N	02E	6	NW	SW	ADA		
GROUND WATER	01N	02E	6	NW	SW	ADA		
GROUND WATER	01N	02E	6	SW	SW	ADA		
GROUND WATER	01N	02E	6	SW	SW	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	3.20 CFS	
INDUSTRIAL	01/01	12/31	4.00 CFS	
TOTAL			4.00 CFS	

Places of Use

Printable View Paged View

Place of Use Legal Description : INDUSTRIAL (ADA county)

Show 10 entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	3			NE	SW	
01N	01E	3			NW	SW	
01N	01E	3			SW	SW	
01N	01E	3			SE	SW	
01N	01E	3			SW	SE	
01N	01E	3			SE	SE	
01N	01E	10			NE	NE	
01N	01E	10			NW	NE	
01N	01E	10			SW	NE	
01N	01E	10			SE	NE	

Showing 1 to 10 of 111 entries

Previous 1 2 3 4 5 ... 12 Next

Place of Use Legal Description : IRRIGATION (ADA county)

Show 10 entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	11			SW	SE	40
01N	01E	11			SE	SE	40
01N	01E	12			NE	NW	40
01N	01E	12			NW	NW	40
01N	01E	12			SW	NW	40
01N	01E	12			SE	NW	40
01N	01E	12			NE	SW	40
01N	01E	12			NW	SW	40
01N	01E	12			SW	SW	40
01N	01E	12			SE	SW	40

Showing 1 to 10 of 42 entries

Previous 1 2 3 4 5 Next

Irrigation Totals

Total Acres Acre Limit

1680.00

Conditions

Code Conditions

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

073 Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.

The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

196 The right holder shall install or construct a straight length of conduit or ditch suitable for installation of a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least fifteen times the diameter of the conduit and shall be above ground or otherwise easily accessible.

Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made monthly throughout the year from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior approval of the Department.

If the Department determines based on credible evidence, measurement reports, area data or otherwise that diversion and use of ground water under this right is causing material injury to any senior water right(s), the Department may order the diversion reduced, the diversion curtailed, or the right holder to provide adequate mitigation to remedy the injury.

Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
 Decreed Date :
 Permit Proof Due Date : 11/1/2025
 Permit Proof Made Date :
 Permit Approved Date : 10/26/2015
 Permit Moratorium Expiration Date :
 Enlargment Use Priority Date :
 Enlargement Statute Priority Date :
 Water Supply Bank Enrollment Date Accepted :
 Water Supply Bank Enrollment Date Removed :
 Application Received Date: 3/24/2022
 Protest Deadline Date:

Other Information

State or Federal :
 Water District Number : EXC
 Generic Max Rate Per Acre : 0
 Generic Max Volume Per Acre : 0
 Civil Case Number :
 Decree Plaintiff :
 Decree Defendant :
 Swan Falls Trust or Nontrust :
 Swan Falls Dismissed :
 DLE Act Number :
 Cary Act Number :
 Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

3/1/2024

Close

Water Permit Report: 63-34202(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 2/29/2016

Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	11	SW	SE	ADA		
GROUND WATER	01N	01E	11	SE	SE	ADA		
GROUND WATER	01N	01E	12	SW	NW	ADA		
GROUND WATER	01N	01E	12	SE	NW	ADA		
GROUND WATER	01N	01E	13	NW	NE	ADA		
GROUND WATER	01N	01E	13	NW	NW	ADA		
GROUND WATER	01N	01E	13	NE	SE	ADA		
GROUND WATER	01N	01E	14	NE	NE	ADA		
GROUND WATER	01N	01E	14	NW	NE	ADA		
GROUND WATER	01N	01E	14	SW	NE	ADA		
GROUND WATER	01N	01E	14	SE	NE	ADA		
GROUND WATER	01N	01E	14	NE	SE	ADA		
GROUND WATER	01N	01E	14	NW	SE	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/01	4.96 CFS	
TOTAL			4.96 CFS	

Places of Use

Printable View

Paged View

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	14		SW	SE		31
01N	01E	14		SE	SE		31
01N	01E	23		NE	NE		31
01N	01E	23		NW	NE		31
01N	01E	24		NE	NW		31

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	24			NW	NW	31
01N	01E	24			SW	NW	31
01N	01E	24			SE	NW	31

Irrigation Totals

Total Acres Acre Limit

248.00

Conditions

Code Conditions

Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made monthly throughout the year from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

073 Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.

Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

004 This right does not grant any right-of-way or easement across the land of another.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

Dates

Licensed Date :
 Decreed Date :
 Permit Proof Due Date : 5/1/2027
 Permit Proof Made Date :
 Permit Approved Date : 4/21/2017
 Permit Moratorium Expiration Date :
 Enlargment Use Priority Date :
 Enlargement Statute Priority Date :
 Water Supply Bank Enrollment Date Accepted :
 Water Supply Bank Enrollment Date Removed :
 Application Received Date: 2/29/2016
 Protest Deadline Date: 2/20/2017

Other Information

State or Federal :
 Water District Number : TBD
 Generic Max Rate Per Acre : 0.02
 Generic Max Volume Per Acre : 4.5
 Civil Case Number :
 Decree Plaintiff :
 Decree Defendant :
 Swan Falls Trust or Nontrust :
 Swan Falls Dismissed :
 DLE Act Number :
 Cary Act Number :
 Mitigation Plan: False

Close

Water Permit Report: 63-34221(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Previous Owner	J R SIMPLOT CO	1099 W FRONT ST PO BOX 27	BOISE	ID	83707-0027
Security Interest	WELLS FARGO BANK	FOOD & AGRIBUSINESS COMMERCIAL BANKING OFFICE MAC T3005-072 905 S FILLMORE ST STE 701	AMARILLO	TX	79101-3540

Water Permit Status

Priority Date : 2/2/2015
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	02E	6	SW	SW	ADA		
GROUND WATER	01N	02E	6	SW	SW	ADA		
GROUND WATER	01N	02E	6	SE	SW	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	0.44 CFS	
TOTAL			0.44 CFS	

Places of Use

[Printable View](#) [Paged View](#)

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	6			NE	SW	40
01N	02E	6			SE	SW	40
01N	02E	6			NW	SE	34
01N	02E	6			SW	SE	33

Irrigation Totals

Total Acres	Acre Limit
147.00	22.00

Conditions

Code Conditions

- X27 This right is limited to the irrigation of 22 acres within the authorized place of use in a single irrigation season.
- R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

Each authorized point of diversion constructed after issuance of this permit shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate groundwater-level measurements.

The right holder shall install a measuring device acceptable to the Department at each point of diversion authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified otherwise by the Department. The records shall be made available to the Department upon request.

Each point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in the well. Water level measurements shall be made approximately thirty (30) days before the start and approximately thirty (30) days following cessation of seasonal irrigation from the beginning of the diversion and use of water in connection with this right until notified by the Department. The records shall be made available to the Department upon request.

At least one production well shall be equipped with a non-vented submersible pressure transducer/digital data logger suspended by stainless steel cable of a known length and at a depth that will allow the pressure transducer to always remain submerged. The submersible pressure transducer(s) shall be housed in a sounding tube. The data logger shall be set to collect two (2) water level and temperature readings per day on a year-round basis.

020 The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder.

Proof of beneficial use may not be submitted until one month prior to the deadline to submit proof of beneficial use set forth in these conditions; provided, however, if less than four (4) years of ground water monitoring data have been collected while beneficial use authorized under this permit has occurred, then an extension of time for up to five additional years shall be requested by the permit holder. The permit holder shall submit a report from a qualified professional engineer, hydrologist, or hydrogeologist summarizing hydrogeologic data collected to fulfill the conditions of approval of this permit. The report shall include raw water level measurements, barometrically corrected water level data, and diversion data. Submittal of a proof of beneficial use statement without the required data and report will not be accepted by the Department and may result in lapse of the permit.

069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.

004 This right does not grant any right-of-way or easement across the land of another.

26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 10/1/2026
Permit Proof Made Date :
Permit Approved Date : 9/20/2016
Permit Moratorium Expiration Date :
Enlargement Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Received Date: 8/16/2017
Protest Deadline Date: 3/5/2018

Other Information

State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plaintiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Close

Water Permit Report: 63-34373(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	MONTIERTH, RAY	825 HEARTLAND DR	NAMPA	ID	83686-8156
Original Owner	MONTIERTH, SUSAN	825 HEARTLAND DR	NAMPA	ID	83686-8156
Representative	SPF WATER ENGINEERING LLC	C/O SCOTT N KING 300 E MALLARD DR STE 350	BOISE	ID	83706

Water Permit Status

Priority Date : 4/20/2017
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	02E	6	NW	NE	ADA		
GROUND WATER	01N	02E	6	NE	NW	ADA		
GROUND WATER	01N	02E	7	NW	SW	ADA		
GROUND WATER	01N	02E	7	NW	SW	ADA		
GROUND WATER	01N	02E	7	NW	SW	ADA		
GROUND WATER	01N	02E	18	SW	SW	ADA		
GROUND WATER	01N	02E	18	SE	SW	ADA		
GROUND WATER	02N	02E	31	SW	SE	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION STORAGE	01/01	12/31		800.00 AFA
IRRIGATION FROM STORAGE	03/01	11/15		800.00 AFA
DIVERSION TO STORAGE	03/01	11/15	4.50 CFS	
TOTAL			4.50 CFS	800.00 CFS

Places of Use

Printable View Paged View

Place of Use Legal Description : IRRIGATION FROM STORAGE (ADA county)

Show 10 entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	6	1		NE	NE	35
01N	02E	6	2		NW	NE	40
01N	02E	6			SW	NE	40
01N	02E	6			SE	NE	40
01N	02E	6	3		NE	NW	40
01N	02E	6			SE	NW	40

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	6			NE	SE	36
01N	02E	6			NW	SE	6
01N	02E	6			SW	SE	6
01N	02E	6			SE	SE	32

Showing 1 to 10 of 45 entries

Previous 2 3 4 5 Next

Place of Use Legal Description : IRRIGATION STORAGE (ADA county)

Show entries

Search:

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	02E	19	1		NW	NW	

Showing 1 to 1 of 1 entries

Previous Next

Conditions

Code Conditions

- X27 This right is limited to the irrigation of 187 acres within the authorized place of use in a single irrigation season.
- X35 Rights 63-33884 and 63-34373 when combined shall not exceed a total diversion rate of 9.42 cfs and a total annual maximum diversion volume of 2,120 af.
- WB7 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor exceed a combined annual maximum diversion volume of 842 af at the field headgate for the place of use.
- R70 This right when combined with all other rights shall provide no more than 5.0 afa per acre for irrigation storage and irrigation from storage for the place of use.
- 01J Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works.

The right holder shall be required to utilize non-low temperature geothermal water from authorized points of diversion up to their capacity for irrigation of the place of use of this right. Low temperature geothermal water from any authorized point of diversion shall only be diverted at the rate equal to the remaining portion of this right's authorized diversion rate not capable of being satisfied by non-low temperature geothermal water from any other authorized point of diversion.

Annual diversion of low temperature geothermal water from the well located in the Gov't Lt3 (NWNE), Section 6, Township 01N, Range 02E, B.M. shall not exceed 123 af annually under water right Nos. 63-3362, 63-7531, 63-10383, 63-11347, 63-12546, 63-33884, and 63-34373 combined.

A single new point of diversion is authorized in either Lot 4 (SWSW), or SESW, Section 18, Township 01N, Range 02E, to provide water that shall not exceed a temperature greather than 85 degrees Fahrenheit.
- 067 The right holder shall record the quantity of water diverted and annually report diversions of water and/or other pertinent hydrologic and system information as required by Idaho Code § 42-701.
- 069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

Any well used as a point of diversion for this water right shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate measurement of ground water levels. Unless specifically notified by the Director to do so, the right holder is not responsible for measuring water levels but shall allow access to the well(s) by the Idaho Department of Water Resources or its representative to collect data as needed.
- 943 The right holder shall make full beneficial use of all surface water available to the right holder for irrigation of lands within the authorized place of use for this right. The right holder may divert ground water under this right to irrigate land with appurtenant surface water rights when the surface water supply is not reasonably sufficient to irrigate the place of use for this water right or is not available due to drought, curtailment by priority, or the seasonal startup and shutoff or maintenance schedule for canal company deliveries. The right holder shall not divert ground water for irrigation purposes under this right if use of the surface water supply is intentionally discontinued or reduced (for example abandoned, forfeited, sold, disallowed by court decree, or leased to the Water Supply Bank), or is not deliverable due to non-payment of annual assessments, without an approved transfer pursuant to Idaho Code § 42-222 or other Department approval.
- 206 This right is limited to the irrigation of a specific 187 acres within the 1,675 acre place of use authorized by this right in a single irrigation season. The specific 187 acres to be irrigated by the right holder shall be identified prior to use by submittal of a land list and a representative electronic shape file or by submittal of a land list and a map sufficiently detailed to allow creation of an electronic shape file to be associated with this right in the geographic information system component of the water rights database maintained by the department. Before changing the 187 acres to be irrigated within the 1,675 acre place of use, the right holder shall submit a new land list and representative electronic shape file or map to the Department prior to the irrigation season in which the change will occur.
- 221 The right holder shall install and maintain an impermeable liner in the pond to eliminate seepage losses.
- 220 The one (1) pond established by the storage of water under this right shall not exceed a total capacity of 307 acre-feet or a total surface area of 14.0 acres.

- 020 The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder.

- 26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

- 046 Right holder shall comply with the drilling permit requirements of Idaho Code § 42-235 and applicable Well Construction Rules of the Department.

- 121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates	Other Information
Licensed Date :	State or Federal :
Decreed Date :	Water District Number : EXC
Permit Proof Due Date : 1/1/2025	Generic Max Rate Per Acre : 0.02
Permit Proof Made Date :	Generic Max Volume Per Acre : 5
Permit Approved Date : 1/6/2020	Civil Case Number :
Permit Moratorium Expiration Date :	Decree Plaintiff :
Enlargment Use Priority Date :	Decree Defendant :
Enlargement Statute Priority Date :	Swan Falls Trust or Nontrust :
Water Supply Bank Enrollment Date Accepted :	Swan Falls Dismissed :
Water Supply Bank Enrollment Date Removed :	DLE Act Number :
Application Received Date: 8/23/2022	Cary Act Number :
Protest Deadline Date:	Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

3/1/2024

Close

Water Permit Report: 63-34374(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	MONTIERTH, RAY	825 HEARTLAND DR	NAMPA	ID	83686-8156
Original Owner	MONTIERTH, SUSAN	825 HEARTLAND DR	NAMPA	ID	83686-8156
Representative	SPF WATER ENGINEERING LLC	C/O SCOTT N KING 300 E MALLARD DR STE 350	BOISE	ID	83706

Water Permit Status

Priority Date : 4/20/2017
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	11	NE	SE	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	6.00 CFS	
TOTAL			6.00 CFS	

Places of Use

[Printable View](#) [Paged View](#)

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	3		SE	SE		20
01N	01E	10		NE	NE		30
01N	01E	11		SW	NE		38
01N	01E	11		SE	NE		37
01N	01E	11		NE	NW		33
01N	01E	11		NW	NW		34
01N	01E	11		SE	NW		34
01N	01E	11		NE	SE		37
01N	01E	11		NW	SE		37

Irrigation Totals

Total Acres	Acre Limit
300.00	

Conditions

Code Condions

- R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

- 01J Prior to diversion of water under this right, the right holder shall install and maintain a measuring device and lockable controlling works of a type acceptable to the Department as part of the diverting works.

- 067 The right holder shall record the quantity of water diverted and annually report diversions of water and/or other pertinent hydrologic and system information as required by Idaho Code § 42-701.

- 069 Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

Any well used as a point of diversion for this water right shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate measurement of ground water levels. Unless specifically notified by the Director to do so, the right holder is not responsible for measuring water levels but shall allow access to the well(s) by the Idaho Department of Water Resources or its representative to collect data as needed.

- 020 The diversion and use of water described in this right may be subject to additional conditions and limitations agreed to by the protestant and the right holder under a separate agreement to which the Department is not a party. Because the Department is not a party, the Department is not responsible for enforcement of any aspect of the agreement not specifically addressed in other conditions herein. Enforcement of those portions of the agreement not specifically addressed in other conditions shall be the responsibility of the protestant and the water right holder.

- 121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

- 046 Right holder shall comply with the drilling permit requirements of Idaho Code § 42-235 and applicable Well Construction Rules of the Department.

- 26A Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 1/1/2025
Permit Proof Made Date :
Permit Approved Date : 1/6/2020
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Received Date: 9/8/2022
Protest Deadline Date:

Other Information

State or Federal :
Water District Number : EXC
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plaintiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

IDAHO DEPARTMENT OF WATER RESOURCES

3/1/2024

Close

Water Permit Report: 63-34385(Active)

Water Right Owners

Owner Type	Name	Address	City	State	Postal Code
Current Owner	CS PROPERTY DEVELOPMENT LLC	PO BOX 27	BOISE	ID	83707-0027
Original Owner	ANDERSON ENTERPRISES	17220 S CLOVERDALE RD	KUNA	ID	83634
Previous Owner	NICHOLSON PROPERTIES LP	570 N KATIE WAY	KUNA	ID	83634

Water Permit Status

Priority Date : 11/22/2013
 Status : Active

Water Source

Source	Tributary	Tributary Qualifier
GROUND WATER		
GROUND WATER		

Points Of Diversion (Location)

Source	Township	Range	Section	QQQ	QQ	Q	County	Diversion Type
GROUND WATER	01N	01E	3	SW	SW	ADA		
GROUND WATER	01N	01E	10	NW	NE	ADA		
GROUND WATER	01N	01E	10	SW	NE	ADA		
GROUND WATER	01N	01E	10	SE	SE	ADA		

Water Uses

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	03/01	11/15	0.84 CFS	
TOTAL			0.84 CFS	

Places of Use

[Printable View](#) [Paged View](#)

Place of Use Legal Description : IRRIGATION (ADA county)

Township	Range	Section	Lot	QQQ	QQ	Q	Acres
01N	01E	14			NE	NW	32
01N	01E	14			NW	NW	32
01N	01E	15			NE	NE	40
01N	01E	15			SW	NE	40
01N	01E	15			SE	NE	40
01N	01E	15			NE	SE	40
01N	01E	15			SE	SE	40

Irrigation Totals

Total Acres	Acre Limit
264.00	

Conditions

Code Cndtions

R65 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.

Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.

The right holder shall install a measuring device acceptable to the Department in the diversion and distribution system authorized under this right. The measuring device shall be capable of displaying diversion flow rate and totalized volume measurement for the amount of water authorized under this right. The right holder shall record the flow rate and volume measurements monthly for any calendar year in which water is diverted and used in connection with this right until notified otherwise by the Department. The records shall be made available to the Department upon request. Unless or until notified otherwise by the Department, this condition does not apply to other senior rights used in conjunction with this right in a common system.

At least one point of diversion (well) authorized for this right shall include a measuring device or other suitable method to allow measurement of the static water level in at least one point of diversion. Water level measurements shall be made monthly throughout the year from the beginning of diversion and use of water in connection with this right and continuing until notified otherwise by the Department. The records shall be made available to the Department upon request.

If the Department determines based on credible evidence, measurement reports, area data or otherwise that diversion and use of ground water under this right is causing material injury to any senior water right(s), the Department may order the diversion reduced, the diversion curtailed, or the right holder to provide adequate mitigation to remedy the injury.

The right holder shall install or construct a straight length of conduit or ditch suitable for installation of a device for measuring the entire flow of water being diverted in connection with this right. If the right holder uses conduit, the straight length of conduit shall be at least fifteen times the diameter of the conduit and shall be above ground or otherwise easily accessible. Unless or until notified otherwise by the Department, this condition does not apply to other senior rights used in conjunction with this right in a common system.

Prior to submitting proof of beneficial use, the right holder shall not assign ownership of the permit to another individual, corporation, partnership, or association without prior approval of the Department.

Proof of application of water to beneficial use shall be submitted no sooner than 4 years and no later than 5 years from the date of approval of this right. A report with no less than 4 years of diversion measurement and aquifer level water monitoring data shall be submitted in connection with filing proof of beneficial use. Submittal of a proof of beneficial use statement without the required report will not be accepted by the Department and may result in cancellation of the permit.

Failure of the right holder to comply with any condition of approval is cause for the Director to cancel this permit.

121 The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

Dates

Licensed Date :
Decreed Date :
Permit Proof Due Date : 10/1/2027
Permit Proof Made Date :
Permit Approved Date : 9/22/2014
Permit Moratorium Expiration Date :
Enlargment Use Priority Date :
Enlargement Statute Priority Date :
Water Supply Bank Enrollment Date Accepted :
Water Supply Bank Enrollment Date Removed :
Application Received Date: 6/9/2022
Protest Deadline Date: 9/6/2022

Other Information

State or Federal :
Water District Number : TBD
Generic Max Rate Per Acre : 0.02
Generic Max Volume Per Acre : 4.5
Civil Case Number :
Decree Plaintiff :
Decree Defendant :
Swan Falls Trust or Nontrust :
Swan Falls Dismissed :
DLE Act Number :
Cary Act Number :
Mitigation Plan: False

Monitoring, Recording, and Reporting Plan Applications for Permit 63-32680 and 63-33296

Submitted by

Kirkwood Bank & Trust Company
2911 N. 14th Street, Suite 101
Bismarck, North Dakota 58503



Pete Jahner, Senior Vice President
Kirkwood Bank & Trust Company

Prepared by

SPF Water Engineering, LLC
300 East Mallard, Suite 350
Boise, Idaho 83706
(208) 383-4140



April 19, 2013



Exhibit A

1. INTRODUCTION

This document presents a monitoring plan for Applications 63-32680 and 63-33296. The monitoring plan is based on (1) anticipated Idaho Department of Water Resources (IDWR) requirements and (2) a Stipulation and Joined Motion to Approve Conditions, signed by the Kirkwood Bank & Trust Company ("Applicant," "Kirkwood," or "Right Holder"), United Water Idaho Inc. ("United Water"), and Idaho Department of Correction ("IDOC"), completed on December 13, 2012.

Application for Permit 63-32680 and amended Application for Permit 63-33296 request authorization to divert 11.76 cfs of ground water for the irrigation of 784 acres in Township 1 North, Range 1 East. The places of use (POUs) under both applications are overlapping, and are located between Cloverdale and Cole roads approximately eight miles southeast of the City of Kuna (Figures 1 and 2).

2. MONITORING PLAN

This monitoring plan includes the construction of a dedicated monitoring well, discharge measurements from production wells, and groundwater-level measurements in production and monitoring wells. Specifically, the monitoring plan consists of the following:

Supply Wells

1. Each new Supply Well¹ shall contain a dedicated sounding tube extending from above ground level to near the top of the pump bowls to facilitate groundwater-level measurements.
2. An airline tube of known length extending from above ground level to near the top of the pump bowls shall be installed in all supply wells with oil-lubricated pump shafts.
3. Each Supply Well will be pump-tested in connection with the completion of its construction. The water-level drawdown versus time, discharge, and water-level recovery data from these pump test will be submitted to IDWR, United Water, and IDOC as part of the monitoring data reported for the year in which the well was constructed.

¹ There are no known existing supply wells within the place of use for applications 63-32680 and 63-33296.

4. Each authorized point of diversion ("Supply Well") constructed under approved Permits 63-32680 and 63-33296 will be equipped with an electromagnetic induction totalizing flowmeter ("mag meter") of a type approved by IDWR (an approved list is attached as Attachment A).

Monitoring Well

5. One dedicated, non-pumped monitoring well ("Monitoring Well") will be drilled and constructed for electronic and manual water level measurements. Siting criteria include proximity to protestants' wells, access, and distance from supply wells and irrigated areas.
6. The monitoring well shall be constructed within one year of application approval and permit issuance, and shall be constructed prior to the drilling and construction of supply wells.
7. The Monitoring Well shall be constructed with at least 10 feet of stainless steel well screen placed at the same depth as the anticipated uppermost portion of the screened interval of the first Supply Well constructed under these rights (e.g., 100 feet or more below the water table).
8. The Monitoring Well will be developed by pumping (using a temporary electric pump or by air-lifting) to confirm that the wells capable of producing water and therefore suitable for monitoring water level changes. In the event that the monitoring well is not suitable for monitoring, the well will be decommissioned and a new monitoring well will be drilled at a similar location.

Monitoring Period

9. Manual and digital measurements in the Monitoring Well and in the Supply Wells will commence no later than the start of withdrawals under the rights and shall continue for a period of 10 years following the beginning of withdrawals under the approved permits/licensed rights (the "Monitoring Period").
10. No less than 4 years of groundwater monitoring data shall be submitted in connection with filing proof of beneficial use for this right.
11. After the Monitoring Period has ended, the Right Holder shall continue to submit flowmeter data from Supply Wells on an annual basis as set forth above, but shall have no further obligations with respect to other data submissions listed in this Monitoring Plan.

Instrumentation

12. Each Supply Well will be equipped with a non-vented submersible pressure transducer/digital datalogger.
13. The Monitoring Well shall initially be equipped with two non-vented submersible pressure transducers/dataloggers. Following the completion of the first supply well, one of these pressure transducers/dataloggers will be moved to the first

supply well, leaving one pressure transducer/datalogger installed in the monitoring well.

14. Submersible pressure transducers will be suspended by a stainless steel cable of known length and at a depth that will allow the pressure transducers to always remain submerged. Submersible pressure transducers in the Supply Wells will be housed in the sounding tube.
15. The Monitoring Well will be equipped with a digital barometric datalogger inside the well head.

Manual Measurements

16. Manual groundwater-level measurements from all Supply Wells and the Monitoring Well will be obtained using chalked-steel tapes and/or non-stretch electric well sounders.
17. All manual water level measurements will be recorded and reported to 0.01 foot. All electronic water-level measurements (e.g., those recorded by pressure transducers/dataloggers) will be recorded and reported to 0.5 foot or less. The height of the measurement datum above the land surface or floor level of known elevation will be documented for each manual measurement.
18. After the Monitoring Period, the Right Holder or successor shall provide the Department reasonable access to the Monitoring Well for continued electronic and manual water level measurements at the Department's discretion.
19. The Right Holder shall be responsible for the groundwater measuring, monitoring, and reporting obligations set forth in this Monitoring Plan, and for keeping the instrument and equipment maintained in working order so that the Monitoring Plan's data submitting and reporting goals are fulfilled during the Monitoring Period.

Measurement and Data-Retrieval Frequency

20. All electronic dataloggers will be set to measure and record pressures at 6-hour intervals.
21. Manual on-site water-level measurements in each Supply Well and in the Monitoring Well will be taken at a minimum frequency of 3 times per year. Measurements will be taken according to the following schedule (the "Measuring Times"):
 - a. Between November 15 and November 30;
 - b. Between January 15 and January 31; and
 - c. Between March 1 and March 15.
22. Data from the electronic dataloggers and flow meters will be retrieved at the same time that manual measurements are taken.

Reporting

23. The Right Holder shall prepare and submit to IDWR an annual interpretive report ("Monitoring Report") by April 30 of each year during the Monitoring Period². The Monitoring Report shall include the following:
- a. Water right numbers (e.g., permits 63-32680 and 63-33296);
 - b. Legal description of the points of diversion;
 - c. Well locations (established by GPS coordinates) and well-head elevation referenced to sea-level datum;
 - d. Monthly volumes diverted per supply well during irrigation season;
 - e. Total volume diverted during the reporting period;
 - f. Description of physical changes to the diversion works that have been made during the reporting period;
 - g. Depth of water in any well prior to commencement of pumping (based on measurement taken between March 1 and March 15 as outlined above);
 - h. Depth of water during the pumping (presented as hydrographs for each monitored well, along with a discussion of notable changes in water levels and an explanation of any other factors or anomalies that may have influenced the measured water levels);
 - i. All raw submersible transducer and barometric data, flow meter readings, and manual measurements in Microsoft Excel format.
24. Hydrographs in the Monitoring Report shall be based on digital pressure-transducer data that have been corrected for barometric pressure changes.
25. All hydrographs in the Monitoring Report will show both groundwater-level data derived from digital recorders and manual measurements.
26. A copy of each annual Monitoring Report prepared during the monitoring period shall be sent to United Water and IDOC.
27. The Monitoring Report shall be prepared by a registered professional engineer or registered professional geologist.

² Idaho Code § 42-701(5) gives the Director of IDWR general authority to require monitoring and reporting of diversions and groundwater levels. Such monitoring could be requested by IDWR following the Monitoring Period.

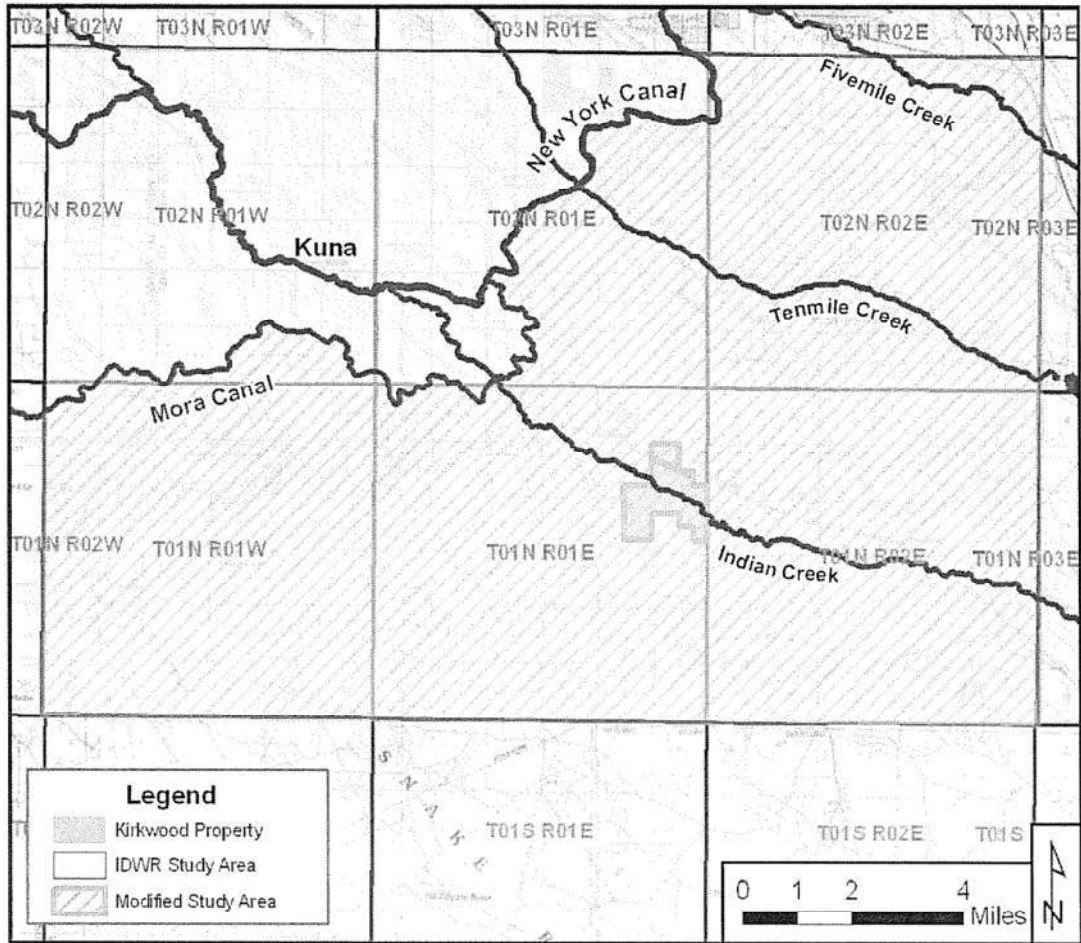


Figure 1. Location map.

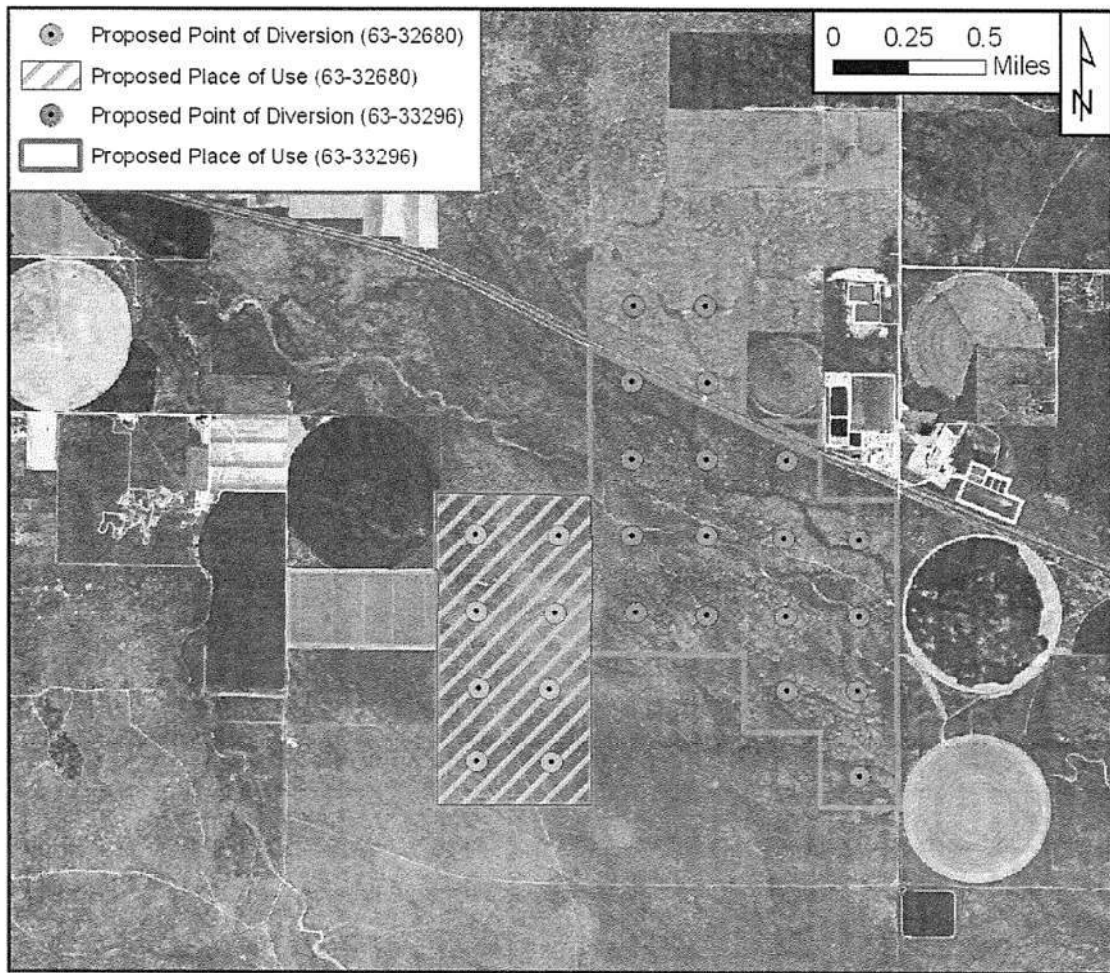


Figure 2. Place of Use and Points of Diversion for Amended Application 63-32680 and Application 63-33296.

Attachment A: IDWR Approved Flow Meter List

Idaho Department of Water Resources List of Approved Closed Conduit Flow meters

The table below lists flow meters that have been tested and approved by IDWR for use in closed conduit measurement applications where the installation configuration and application meet manufacturer's requirements for the selected model. These approved flow meters were subject to testing requirements outlined by IDWR and conducted by staff from Utah State's NIST¹ traceable lab in Logan Utah and performed at or above IDWR minimum acceptable standards for accuracy when installed in piping distances that met or exceeded minimum straight run piping requirements specified by IDWR. The approved list is current as of this printing, but may change as additional models and manufacturers undergo testing and approval. The current version of these standards, including this list, is posted on the IDWR Internet site at the following URL:

http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/PDFs/Approved_flow_meter_list.pdf

Note that not all models are appropriate for every application. Pipe size, available straight pipe lengths, water chemistry, pressure, velocity, environmental exposure, and power requirements are among the factors affecting whether a given meter will perform for a given application. Prior to selecting a meter, consult the manufacturer's installation requirements to assure they can be met.

Manufacturer	Model/Specifications	Type	IDWR-accepted Pipe Applications (Nominal Pipe Size)
Siemens	CLAMP-ON ULTRASONIC -SITRANS FUS 1010 w/ HIGH PRECISION TRANSDUCERS	Clamp-On Ultrasonic	>12"
Siemens	SITRANS F M MAGFLO MAG 5100W w/ 5000 converter	Full profile Electro-Magnetic	1" to 78"
Siemens	SITRANS FM, MAGFLO 8000, model 7ME6880	Full profile Electro-Magnetic	1" to 48"
Fuji	Time Delta C w/ 1MHz transducers	Clamp-On Ultrasonic	>12"
Seametrics	AG 2000	Full profile Electro-Magnetic	4" to 10"
GE Panametrics	AT868 w/ 1MHz transducers	Clamp-On Ultrasonic or Wetted Transducer	>12"
McCrometer	Ultra Mag w/ M-Series Converter	Full profile Electro-Magnetic	2" to 48"

(continued on next page)

¹ NIST - National Institute of Standards and Technology.

Manufacturer	Model/Specifications	Type	IDWR-accepted Pipe Applications (Nominal Pipe Size)
Badger	M2000 Amplifier w/ M2000 Detector	Full profile Electro-Magnetic	1/4" to 54"
Khrone	Enviromag 2000 w/ Optiflux 2000 F/G	Full profile Electro-Magnetic	3/8" to 80"
Rosemount	8705 w/ 8732E transmitter	Full profile Electro-Magnetic	1/2" to 36"
Burkert	8054/8055 w/ Magflow transmitter	Full profile Electro-Magnetic	1" to 80"
Sparling	Tiger Mag W/FM6561051110 Converter	Full profile Electro-Magnetic	3/8" to 48"
Sensus	IPerl	Full profile Electro-Magnetic	5/8"-1"

(Approved Flow Meter list continued)

Appendix B
**Well Driller's Reports for Production and
Monitoring Wells**

Plant Well 1

RECEIVED

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

OCT 06 2015

WATER RESOURCES
WESTERN REGION

03

1. WELL TAG NO. D 0069003

Drilling Permit No. 9168768-874825

Water right or injection well # _____

2. OWNER: JR Simplot Co.

Name _____

Address P.O. Box 27

City Boise State Idaho Zip 83707

3. WELL LOCATION:

Twp. 1 North or South Rge. 2 East or West

Sec. 6 NW 1/4 SW 1/4 SE 1/4

Gov't Lot _____ County ADA

Lat. 43 ° 26.841 (Deg. and Decimal minutes)

Long. 116 ° 16.380 (Deg. and Decimal minutes)

Address of Well Site S. Cole Rd. 1/4 mile North of Barker

City Kuna

Lot _____ Blk _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:

New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Neat cement	188ft	0	9 yd3	pumped
Neat cement	315ft	0	11 yd3	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
20"	0	188	.375	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14"	+2	395	.375	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____

Manufactured screen Y N Type Joston

Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
395	455	30	60ft	14"	ss	.375

Length of Headpipe _____ Length of Tailpipe _____

Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
6-9	315	455	9850lbs	trimmie

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____

Describe control device plat

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 315 Static water level (ft) 294

Water temp. (°F) 83 Bottom hole temp. (°F) 83

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method:			
			Pump	Bailer	Air	Flowing artesian
43.1	1520	7.7 hrs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
24	0	2	top soil		
24	2	8	sandy dirt and gravel		
24	8	30	hard black lava		
24	30	38	broken soft black lava		
24	38	44	hard black lava		
24	44	48	soft red lava		
24	48	55	hard black lava		
24	55	77	soft black lava		
24	77	95	hard black lava		
24	95	105	soft black lava		
24	105	135	hard black lava		
24	135	145	soft black lava		
24	145	155	red cinders		
24	155	162	hard black lava		
24	162	177	hard black lava		
19	177	312	large gravel and sand		
19	312	315	rock and clay		
19	315	320	sand and gravel		
19	320	325	rock and clay		
19	325	402	sand and gravel		
19	402	425	white clay		
19	425	448	sand and gravel		
19	448	460	brown clay with gravel		
19	460	465	sand and gravel		
19	465	471	brown clay and little rock		
19	471	477	sand and gravel		
19	477	490	brown clay and rock		
19	490	523	big gravel and sand		
19	523	531	sand and gravel		
19	531	543	gravel and sand with clay		
19	543	555	sandstone		
19	555	560	gravel and sand		

Completed Depth (Measurable) 455
Date Started: 6/1/2015 Date Completed: 9/16/2015

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Treasure Valley Drilling Co. No. 560
*Principal Driller: [Signature] Date 9-22-15

*Driller _____ Date _____

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0069003

Drilling Permit No. _____
Water right or injection well # _____

2. OWNER: J R Simplot Co.

Name _____
Address P.O. Box 27
City Boise State ID Zip 83707

3. WELL LOCATION:

Twp. 1 North or South Rge. 2 East or West
Sec. 6 NW 1/4 SW 1/4 _____ 1/4

Gov't Lot _____ County Ada

Lat. _____ (Deg. and Decimal minutes)

Long. _____ (Deg. and Decimal minutes)

Address of Well Site S Cole Rd. 1/4 mile north of Center

City Kuna

Lot _____ Blk. _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:

New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Neat cement	188	0	13 Yards	Pumped
Neat cement	315	0	10 1/2 Yards	Pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
30"	0	188	.375	Steel casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14"	42	395	.375	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____

Manufactured screen Y N Type Alloy Screen

Method of installation Set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
395	455		60'		Stainless	.375

Length of Headpipe _____ Length of Tailpipe _____

Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
6-9	315	455	9,850 lbs	Tremie

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 315 Static water level (ft) 294

Water temp. (°F) 83 Bottom hole temp. (°F) 83

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
33	200	60

Test method:

Pump	Bailer	Air	Flowing artesian
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
24"	0	2	TOP SOIL		
"	2	8	Sandy dirt + Gravel		
↓	8	30	Hard black lava		
	30	38	Broken / soft black lava		
	38	44	Hard black lava		
	44	48	soft + red lava		
	48	55	Hard black lava		
	55	77	Soft + black lava		
	77	95	Hard black lava		
	95	105	Soft black lava		
	105	135	Hard black lava		
	135	145	Soft + black lava		
	145	155	red cinders		
	155	160	Hard black lava		
	160	177	Hard black lava		
19"	177	312	Big Gravels + sand		
"	312	315	Rock + clay		
↓	315	320	Sand + Gravel		
	320	325	rock + clay		
	325	402	Sand + Gravel		
	402	425	White Clay		
	425	448	Sand + Gravel		
	448	460	brn clay with gravel		
	460	465	Sand + Gravel		
	465	471	Brn clay + little rock		
	471	477	Sand + Gravel		
	477	490	Brn clay + rock		
	490	523	Big Gravels + sand		
	523	531	Sand + Gravel		
	531	543	Gravels and little clay		
	543	555	sandstone		
	555	560	Gravel + Sand		

Completed Depth (Measurable): 455

Date Started: 7-1-15 Date Completed: 8-30-15

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Treasure Valley Drilling and Pump #560

*Principal Driller Shawn Mikelsen Date 9-28-15

*Driller Shawn Mikelsen Date 9-28-15

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

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OCT 02 2015

Plant Well 2

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0070211

Drilling Permit No 970455-876512
Water right or injection well # 63-33207

2. OWNER: JR Simplot Company

Name _____
Address PO Box 27
City Boise State Idaho Zip 83707

3. WELL LOCATION:

Twp. 1 North or South Rge. 2 East or West
Sec. 6 1/4 SW 1/4 SW 1/4

Govt Lot 7 County _____
Lat. 43 28.845 (Deg. and Decimal minutes)
Long. -116 16.419 (Deg. and Decimal minutes)
Address of Well Site 150' East of south cole rd
1075' North of Barker Rd City Near Kuna
Lot. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation Thermal Injection
 Other Industrial

5. TYPE OF WORK:
 New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (bcs or ft ³)	Placement method/procedure
Neat cement	188	0	9yd3	pumped
Neat cement	315	0	11yd3	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
26	0	11	.375	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	+1	176	.375	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	+1	395	.375	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____
Manufactured screen Y N Type _____
Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
395	455	40	60	14	SS	.375

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (bcs or ft ³)	Placement method
silica sand	320	455	8400lbs	trimmie

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device plat

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 290 Static water level (ft) 289
Water temp. (°F) 82 Bottom hole temp. (°F) 82
Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
338	2190	4hrs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
32	0	1	top soil		X
32	1	11	bleachy basalt		
28	11	93	weathered basalt		
28	93	97	red cinders		
28	97	124	black basalt		
28	124	128	red cinders		
28	128	176	hard black basalt		
20	176	186	sand and gravel		
20	186	211	gravel and basalt boulders		
20	211	255	sand and gravel boulders		
20	255	266	cemented gravel		
20	266	290	sand and gravel		X
20	290	367	clay		
20	367	376	sand		
20	376	460	pea gravel and silty sand		

Completed Depth (Measurable) 455
Date Started: 9/10/2015 Date Completed: 9/30/2015

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Treasure Valley Drilling Co. No. 560
*Principal Driller [Signature] Date 9-30-15
*Driller _____ Date _____
*Operator I _____ Date _____
Operator II _____ Date _____

* Signature of Principal Driller and rig operator are required.

Drill Water Supply Well (Monitoring)

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066263

Drilling Permit No. _____
Water right or injection well # _____

2. OWNER

Name **Ray Montierth**
Address **825 Hartland Dr**
City **Nampa** State **ID** Zip **83686**

3. WELL LOCATION:

Twp. **1** North or South Rge. **1** East or West
Sec. **14** 1/4 **SE** 1/4 **NE** 1/4

Gov't Lot _____ County **ADA**

Lat. **34 ° 25.612** (Deg. and Decimal minutes)
Long. **116 ° 17.845** (Deg. and Decimal minutes)

Address of Well Site **Cross tracks on Cole heading south first right**
1 mile left 1/2 mile left 1/4 mile City **Kuna**

Lot _____ Blk _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other

5. TYPE OF WORK check all that apply (Replacement etc.)

New Well Replacement well Modify existing well
 Abandonment Other

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other

7. SEALING PROCEDURES

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite	0	38	950lbs	Pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6	+2	38	.230	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____
Manufactured screen Y N Type _____
Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
na	na	na	na na	na

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) **265** Static water level (ft) **230**
Water temp. (°F) **56** Bottom hole temp. (°F) _____
Describe access port **Cap**

Well test:	Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method:			Flowing artesian
				Pump	Bailer	Air	
	35	20	1HR	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Water Quality test or comments:

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
10	0	2	Top Soil		X
10	2	8	Sandy Clay		X
10	8	15	Brown Clay		X
10	15	34	Brown Sandy Clay		X
10	34	38	Broken up Lava		X
6	38	54	Lava		X
6	54	57	Red Lava		X
6	57	81	Black Lava		X
6	81	83	Red Lava		X
6	83	101	Black Lava		X
6	101	104	Brown Lava		X
6	104	232	Brown Lava		X
6	232	245	Fractured Lava		X
6	245	258	Lava		X
6	258	265	Brown Lava		X
6	265	270	Coarse Sand	X	
6	270	280	Lava		X
6	280		Gravel	X	

Completed Depth (Measurable) **270**
Date: Started **04/17/2014** Completed **4/20/2014**

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name **Treasure Valley Drilling** Co. No. **560**

*Principal Driller _____ Date _____

*Driller _____ Date _____

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

Irrigation Well 1

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066300

Drilling Permit No. 965586-871645
Water right or injection well # 63-32680

2. OWNER

Name Ray Montierth
Address 825 Heartland Dr.
City Nampa State Id Zip 83686

3. WELL LOCATION:

Twp. 1 North or South Rge. 1 East or West
Sec. 14 sw 1/4 ne 1/4 ne 1/4
10 acres 40 acres 160 acres

Gov't Lot _____ County Ada
Lat. 43 ° 25.967 (Deg. and Decimal minutes)
Long. 116 ° 16.803 (Deg. and Decimal minutes)
Address of Well Site 1 mi. w .of S.Cole Rd 1 mi. S. of railroad ROW
City Kuna

Give at least name of road + Distance to Road or Landmark
Lot _____ Blk. _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

New Well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
<u>3/4bentonite</u>	<u>0</u>	<u>38</u>	<u>23000 lbs</u>	<u>pour</u>
<u>cement</u>	<u>150</u>	<u>300</u>	<u>43 ft 3</u>	<u>trimmed</u>

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
<u>26</u>	<u>0</u>	<u>38</u>	<u>.375</u>	<u>steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>20</u>	<u>0</u>	<u>149</u>	<u>.375</u>	<u>steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>16</u>	<u>1</u>	<u>150</u>	<u>.250</u>	<u>steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____
Manufactured screen Y N Type johnson
Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
<u>330</u>	<u>430</u>	<u>.40</u>	<u>100</u>	<u>16</u>	<u>ss</u>	<u>.375</u>
<u>440</u>	<u>540</u>	<u>.40</u>	<u>100</u>	<u>16</u>	<u>ss</u>	<u>.375</u>

Length of Headpipe na Length of Tailpipe _____
Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
<u>silico sand</u>	<u>80</u>	<u>540</u>	<u>23000 lbs</u>	<u>pour</u>

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) _____ Static water level (ft) _____
Water temp. (°F) 70 Bottom hole temp. (°F) 70
Describe access port flat plat

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
<u>23</u>	<u>3300</u>	<u>20 hr</u>

Test method:

Pump Bailer Air Flowing artesian

Water Quality test or comments:

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water Y	N
30	0	2	top soil		X
30	2	8	sandy clay		X
30	8	17	brown clay		X
30	17	35	brown sandy clay		X
30	35	38	broken up lava		X
25	38	73	lava		X
25	73	85	brown lava		X
25	85	130	lava		X
25	130	140	brown lava		X
25	140	153	fractured lava		X
25	153	175	red lava		X
25	175	186	brown lava		X
25	186	200	fractured lava		X
25	200	255	lava		X
25	255	266	brown lava		X
25	266	270	sand	X	
25	270	273	brown clay		X
25	273	278	lava		X
25	278	284	gravel	X	
20	284	291	corse sand	X	
20	291	305	brown clay		X
20	305	317	brown sand	X	
20	317	335	brown clay		X
20	335	356	gravel	X	
20	356	360	brown clay		X
20	360	368	corse sand	X	
20	368	373	medium sand	X	
20	373	378	brown clay		X
20	378	381	brown sand	X	
20	381	389	gravel	X	
20	389	410	corse sand and gravel	X	
20	410	430	medium sand	X	

Completed Depth (Measurable)

Date: Started 4-16-14 Completed _____

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Treasure Valley Drilling Co. No. 560
*Principal Driller Monte Post Date 6-27-14
*Driller [Signature] Date 7-31-14
*Operator II _____ Date _____
Operator I Jeremy Bullock Date [Signature]
*Signature of Principal Driller and rig operator are required.

JUL 03 2014

Irrigation Well 2

10f2

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0067448

Drilling Permit No. 967343-873402

Water right or injection well # _____

2. OWNER: _____

Name Ray Montierth

Address 825 Hartland

City Nampa State ID Zip 83686

3. WELL LOCATION:

Twp. 1 North or South Rge. 1 East or West

Sec. 13 10 acres 1/4 NW 40 acres 1/4 NW 160 acres 1/4

Gov't Lot _____ County ADA

Lat. 43 ° 25.608 (Deg. and Dacimal minutes)

Long. 116 ° 17.611 (Deg. and Decimal minutes)

Address of Well Site S. Cole

City Kuna

(Give at least name of road - Distance to Road or Landmark)

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:

New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
3/4 bentonite	0	39	4000 lbs	pour
concrete	270	300	3 1/2 yd	pumped

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Linar			
					Threaded	Welded		
26	0	39	.375	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20	1	284	.375	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	270	350	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	510	535	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____

Manufactured screen Y N Type Alloy

Method of installation set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauga or Schedule
350	510	.35	160	16	ss	.98
535	575	.35	40	16	ss	.98

Length of Headpipe 80 Length of Tailpipe _____

Packer Y N Type double wing k-packer

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placemant method
6/9 silca sand	305	575	16500 lbs	pour

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 293 Static water level (ft) 236

Water temp. (°F) 70 Bottom hole temp. (°F) 70

Describe access port flat plate

Well test:

Orawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method:			
			Pump	Bailer	Air	Flowing artesian
22	2980	6 hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
30	0	3	top soil		x
30	3	27	sandy clay		x
30	27	35	corse sand		x
30	35	39	red clay		x
24	39	65	hard lava		x
24	65	69	red cinders		x
24	69	82	gray lava		x
24	82	87	red broken up lava		x
24	87	99	black lava		x
24	99	101	broken up lava		x
24	101	107	gray lava		x
24	107	111	red lava		x
24	111	122	gray lava		x
24	122	151	gray broken up lava		x
24	151	158	black broken up lava		x
24	158	170	brown and red cinders		x
24	170	223	gray lava		x
24	223	230	broken up lava		x
24	230	258	black lava		x
24	258	267	corse sand		x
24	267	286	brown lava		x
24	286	293	broken up lava		x
24	293	305	red cinders	x	
20	305	320	brown clay and red cinders		x
20	320	335	brown clay		x
20	335	370	gravel	x	
20	370	373	brown clay		x
20	373	429	corse sand and gravel	x	
20	429	431	brown clay		x
20	431	435	corse sand	x	
20	435	438	brown clay		x
20	438	445	gravel	x	

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JAN 05 2015
WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 575
Date Started: 9-14-14 Date Completed: 11-21-14

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Treasure Valley Drilling Co. No. 560

*Principal Driller Monte Post Date 11-30-14

*Driller Jeremy Bullock Date 11-30-14

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

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2 of 2

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0067448

Drilling Permit No. 9167343-873402
Water right or injection well # _____

2. OWNER:

Name Ray Montierth
Address 825 Hartland
City Nampa State Id Zip 83686

3. WELL LOCATION:

Twp. 1 North or South Rge. 1 East or West
Sec. 13 1/4 NW 1/4 NW 1/4
10 acres 40 acres 160 acres

Gov't Lot _____ County ada

Lat. 43 ° 25.608 (Deg. and Decimal minutes)

Long. 116 ° 17.611 (Deg. end Decimal minutes)

Address of Well Site S. Cole
City Kuna

(Give at least name of road + Distance to Road or Landmark)
Lot _____ Blk. _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:

New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
3/4 bentonite	270	250	750 lbs	pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____
Manufactured screen Y N Type _____
Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 293 Static water level (ft) 236
Water temp. (°F) 70 Bottom hole temp. (°F) 70
Describe access port flat plate

Well test:			Test method:			
Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Beller	Air	Flowing artesian
22	2980	6 hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
20	445	447	brown clay		x
20	447	496	gravel	x	
20	496	511	brown clay		x
20	511	513	gravel	x	
20	513	516	brown clay		x
20	516	519	gravel	x	
20	519	536	brown clay		x
20	536	540	gravel	x	
20	540	547	brown clay		x
20	547	549	gravel	x	
20	549	551	brown clay		x
20	551	569	gravel	x	
20	569	575	brown clay		x

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WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 575
Date Started: 9-14-14 Date Completed: 11-21-14

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Treasure Valley Drilling Co. No. 560
*Principal Driller Monte Post Date 11-30-14
*Driller Jeremy Balllock Date 11-30-14
*Operator II _____ Date _____
Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

63

Irrigation Well 4

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 077537
Drilling Permit No. 085283

Water right or injection well # _____
2. OWNER: Simplet hand & hive stock
Name _____
Address 1301 Hwy 67
City Grandview State ID Zip 83629

3. WELL LOCATION:
Twp. 1 North or South Rge. 2 East or West
Sec. 6 SE 1/4 SW 1/4 1/4 1/4
Gov't Lot _____ County Ada
Lat. 43 ° 26.694 (Deg. and Decimal minutes)
Long. 116 ° 11.13 (Deg. and Decimal minutes)
Address of Well Site South Lake & Barker Rd City _____

(Give at least name of road + Distance to Road of Landmark)
Lot. _____ Blk. _____ Sub. Name _____
4. USE:
 Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:
 New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Med. Clay	0	18	1600	Poured
Granular	0	193	7600	Poured

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
20"	+1	18	.250	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16"	+1	193	.250	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12"	+1	450	.250	Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:
Perforations Y N Method _____
Manufactured screen Y N Type Johnson
Method of installation Set in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
450	530	.200		12"	S.S.	.250

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
6-9 Sand	550	350	8400	Poured

11. FLOWING ARTESIAN:
Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 301 Static water level (ft) 301
Water temp. (°F) 85.7 Bottom hole temp. (°F) 85.7
Describe access port _____

Test method:

Well test:	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
Drawdown (feet)			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>14'</u>	<u>1800</u>	<u>2 days</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water
				Y N
25	0	2	TOP SOIL	
25	2	6	CLAY	
25	6	18	Weathered Basalt	
20	18	47	Weathered Basalt	
20	47	63	Red Cinder	
20	63	177	Solid Basalt	
20	177	183	Fractured Basalt	
20	183	193	Gravel and Sand	X
16	193	496	Gravel and Sand	X
16	496	507	Silty Tan Clay	X
16	507	533	Sand and Gravel	X
16	533	537	Tan Clay	X
16	537	542	Fine to Med Sand	X
16	542	555	Sticky Tan Clay	X

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WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 550
Date Started: 5-1-18 Date Completed: 6-1-18

14. DRILLER'S CERTIFICATION:
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Treasure Valley Drilling Co. No. 5600
*Principal Driller [Signature] Date 6-7-18
*Driller [Signature] Date 6-7-18
*Operator II _____ Date _____
Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

Monitoring Well

Form 238-7
6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066301

Drilling Permit No. **965601-871660**
Water right or injection well # _____

2. OWNER

Name **Ray Montierth**
Address **825 Hearland Dr**
City **Nampa** State **Id** Zip **83686**

3. WELL LOCATION:

Twp. **1** North or South Rge. **1** East or West
Sec. **12** **NE** 1/4 **SW** 1/4 **SE** 1/4
10 acres 40 acres 160 acres

Gov't Lot _____ County **Ada**
Lat. **43 ° 25.967** (Deg. and Decimal minutes)
Long. **116 ° 16.803** (Deg. and Decimal minutes)
Address of Well Site **1/4 mi.w.of Cole Rd 1/4 mi.s.of railroad ROW**
City **Kuna**

(Give at least name of road + Distance to Road or Landmark)
Lot _____ Blk. _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

New Well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
gran/bentoni	0	80	3600/lbs	pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
10	+3	4	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	+2	378	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	368	388	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) **376**

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____
Manufactured screen Y N Type **johnson**
Method of installation **set in**

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
388	398	.16	10 ft	5	ss	.250

Length of Headpipe **20** Length of Tailpipe _____

Packer Y N Type **neoprene**

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) **280** Static water level (ft) **268**
Water temp. (°F) **72** Bottom hole temp. (°F) _____
Describe access port **cap**

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
122	40	2hr	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Test method:

Water Quality test or comments: **tested great, no smell, no sand**

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
10	0	2	top soil		X
10	2	9	brokin up lava		X
10	9	37	black lava		X
10	37	40	soft		X
8	39	46	brown lava		X
8	46	68	black lava		X
8	68	70	brown lava		X
8	70	84	black lava		X
8	84	86	fractured lava		X
8	86	88	crack		X
8	88	127	lava		X
8	127	131	soft lava		X
8	131	162	lava		X
8	162	170	soft lava		X
8	170	230	lava		X
8	230	238	sinders		X
6	238	262	gravel	X	
6	262	268	clay		X
6	268	340	gravel sand	X	
6	340	343	clay		X
6	343	347	gravel	X	
6	347	351	clay		X
6	351	356	sand	X	
6	356	360	clay		X
6	360	367	sand	X	
6	367	370	clay		X
6	370	375	sand	X	
6	375	378	clay		X
6	378	385	gravel	X	
6	385	387	clay		X
6	387	404	corse sand	X	

Completed Depth (Measurable) **398**

Date: Started **July 8, 2014** Completed **July 20, 2014**

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name **Treasure Valley Drilling** Co. No. **560**

*Principal Driller *Monte Ross* Date **4-3-15**

*Driller _____ Date _____

*Operator II _____ Date _____

Operator I *Pete Langa* Date **4-3-15**

Signature of Principal Driller and rig operator are required.

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APR 03 2015

WATER RESOURCES
WESTERN REGION

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Carl Nicholson

Address Boise, Idaho

Owner's Permit No. 63-2756

7. WATER LEVEL

Static water level 185 feet below land surface

Flowing? Yes No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by Valve Cap Plug

2. NATURE OF WORK

New well Deepened Replacement

Abandoned (describe method of abandoning)

8. WELL TEST DATA

Pump Bailer Other

Discharge G.P.M.	Draw Down	Hours Pumped
<u>3200</u>	<u>20'</u>	<u>8</u>

3. PROPOSED USE

Domestic Irrigation Test

Municipal Industrial Stock

9. LITHOLOGIC LOG 108054

4. METHOD DRILLED

Cable Rotary Dug Other

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
20	0	6	Sandy soil.		
	6	12	Sand.		
	12	28	Clay and sand, some water.	<input checked="" type="checkbox"/>	
	28	33	Gray lava rock, clay, sand	<input checked="" type="checkbox"/>	
	33	37	Gray lava.		
	37	52	Clay and sand		
	52	68	Gray lava.		
	68	70	Lost cuttings.		
	70	92	Gray lava.		
	92	97	Brown lava.		
	97	116	Gray lava.		
	116	130	Brown lava.		
	130	148	Gray lava.		
	148	152	Dark red lava.		
	152	183	Gray lava. (183)	<input checked="" type="checkbox"/>	
	183	195	Brown lava.		
	195	276	Gray lava.		
	276	298	Clay, sand, some small rocks		
	298	338	Clay, sand and gravel.		
	338	341	Yellow clay and sand.		
	341	350	Sand and clay, some small rocks.		
	350	373	Sand and gravel		
	373	390	Yellow clay and sand.		
	390	400	Sand and clay.		
	400	402	River rock, sand and gravel flushed into hole. Filled to 305.		

5. WELL CONSTRUCTION

Diameter of hole 20 inches Total depth 402 feet

Casing schedule: Steel Concrete

Thickness	Diameter	From	To
<u>.250</u> inches	<u>20</u> inches	<u>+1</u> feet	<u>34</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? Yes No

Perforated? Yes No

How perforated? Factory Knife Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? Yes No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? Yes No Size of gravel _____

Placed from _____ feet to 34 feet

Surface seal? Yes No To what depth 34 feet

Material used in seal Cement grout Puddling clay & Bentonite

6. LOCATION OF WELL

Sketch map location must agree with written location.

County Ada

SE ¼ SE ¼ Sec. 10, T. 1 N. R. 1 E/W

10. Work started Mar. 20/73 finished Apr. 30/73

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

Richard Johnson Driller

G. L. Hiddleston & Son 35 Number

Driller's or Firm's Name _____

Mountain Home, Idaho Address

Ron Hiddleston Signed By

7/5/73 Date

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OCT 06 2015

WATER RESOURCES WESTERN REGION

Form 238-7 6/07

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0069072

Drilling Permit No. 875063-969006-875063

Water right or injection well #

2. OWNER: Ray Montierth

Name

Address 825 Hartland Drive

City Nampa State Idaho Zip 83686

3. WELL LOCATION:

Twp. 1 North or South Rge. 2 East or West

Sec. 18 SW SW

Gov't Lot County Ada

Lat. 32 24.933

Long. 116 16.152

Address of Well Site End of south Cole

City Kuna

Lot Blk Sub. Name

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection Other

5. TYPE OF WORK:

New well Replacement well Modify existing well Abandonment Other

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other

7. SEALING PROCEDURES:

Table with 5 columns: Seal material, From (ft), To (ft), Quantity (lbs or ft³), Placement method/procedure. Rows include Bentonite and Cement.

8. CASING/LINER:

Table with 6 columns: Diameter (nominal), From (ft), To (ft), Gauge/Schedule, Material, Casing Liner Threaded Welded. Rows include 24", 20", and 16" steel casing.

Was drive shoe used? Y N Shoe Depth(s)

9. PERFORATIONS/SCREENS:

Perforations Y N Method

Manufactured screen Y N Type

Method of installation set in

Table with 7 columns: From (ft), To (ft), Slot size, Number/ft, Diameter (nominal), Material, Gauge or Schedule. Row includes 360-560 ft ss screen.

Length of Headpipe Length of Tailpipe

Packer Y N Type

10. FILTER PACK:

Table with 5 columns: Filter Material, From (ft), To (ft), Quantity (lbs or ft³), Placement method. Row includes silica sand.

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG)

Describe control device plate

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 283 Static water level (ft) 279

Water temp. (°F) 78 Bottom hole temp. (°F) 78

Describe access port

Well test:

Table with 7 columns: Drawdown (feet), Discharge or yield (gpm), Test duration (minutes), Pump, Bailer, Air, Flowing artesian. Row includes 42 ft drawdown, 4100 gpm yield, 12 hrs duration.

Test method:

Water quality test or comments:

13. LITHOLOGIC LOG and/or repairs or abandonment:

Lithologic log table with 5 columns: Bore Dia. (In), From (ft), To (ft), Remarks, lithology or description of repairs or abandonment, water temp., Water (Y/N). Rows describe soil, basalt, clay, gravel, and sand layers.

Completed Depth (Measurable): 560 Date Started: 8-15-15 Date Completed: 9-5-2015

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Treasure Valley Drilling Co. No. 560 Principal Driller John Post Date 10-6-15 Driller John Post Date 10-6-15

* Signature of Principal Driller and rig operator are required.

USE TYPEWRITER
BALL POINT PEN

State of Idaho
Department of Water Administration

Location Corrected by IDWR To:

WELL DRILLER'S REPORT

T01N R02E Sec. 7 NWSW

State law requires that this report be filed with the Director, Department of Water Administration, 10 days after the completion or abandonment of the well.

By: bserrano 2016-10-07

1. WELL OWNER

Name Missouri Beef Packers
Address Amarillo, Texas
Owner's Permit No. 637531

7. WATER LEVEL

Department of Water Administration
Static water level 260 feet below land surface
Flowing? Yes No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by Valve Cap Plug

2. NATURE OF WORK

New well Deepened Replacement
 Abandoned (describe method of abandoning)

8. WELL TEST DATA

Pump Bailor Other
Discharge G.P.M. 1200 Draw Down 14' Hours Pumped 24

3. PROPOSED USE

Domestic Irrigation Test Other (specify type)
 Municipal Industrial Stock Waste Disposal or Injection

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
20	0	3	top soil		X
20	3	15	white hardpan		X
20	15	225	basalt rock		X
16	225	232	brown clay & sand		X
	232	255	sand & gravel		X
	255	285	sand, clay & gravel		X
	285	308	coarse gravel & sand	X	
	308	328	cemented sand, very little gravel		X
	328	340	sticky brown clay		X
	340	364	sandy clay		X
	364	370	gravel & sand	X	
	370	380	sandy clay		X
	380	390	gravel & sand	X	
	390	392	sticky brown clay		X
	392	405	loose fine sand	X	
	405	440	gravel & sand	X	
	440	445	sandy clay		X
	445	455	sticky brown clay		X

4. METHOD DRILLED

Cable Rotary Dug Other

5. WELL CONSTRUCTION

Diameter of hole 16 inches Total depth 448 feet
Casing schedule: Steel Concrete
Thickness Diameter From To
.375 inches 16 inches + 2 feet 362 feet
.330 inches 10 inches 332 feet 360 feet
.330 inches 10 inches 370 feet 380 feet
.330 inches 10 inches 390 feet 407 feet
.330 inches 10 inches 438 feet 448 feet

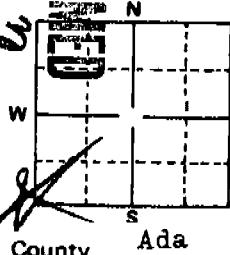
Was a packer or seal used? Yes No
Perforated? Yes No
How perforated? Factory Knife Torch
Size of perforation _____ inches by _____ inches
Number From To
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

Well screen installed? Yes No
Manufacturer's name Johnson 10" pipe size
Type stainless steel Model No. 405
Diameter 10 Slot size 60 Set from 360 feet to 370 feet
Diameter 10 Slot size 60 Set from 380 feet to 390 feet
10 60 407 438
Gravel packed? Yes No Size of gravel round 3/8 inches
Placed from 332 feet to 448 feet
Surface seal depth 18 seal 20" pipe
Material used in seal Cement grout
 Pudding clay Well cuttings
Sealing procedure used Slurry pit Temporary surface casing
 Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.

well # 2
100yds. west of well # 1
Subdivision Name _____
Lot No. _____ Block No. _____



County Ada
SW 1/4 Sec. 7, T. 1 N. R. 2 E.

10. Work started Dec. 1973 finished Feb. 1974

11. DRILLERS CERTIFICATION

USGS

Firm Name W.E. Stevens & Sons Firm No. 153
Address 3709 Hawthorne Dr. Boise Date 3/20/74
Signed by (Firm Official) Wayne E. Stevens
and
(Operator) Wayne E. Stevens

STATE OF IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Location Corrected by IDWR To: T01N R02E Sec. 7 NWSW By: bserrano 2016-10-07

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name IOWA BEEF PROCESSORS Address S. COLE ROAD, BOISE, IDAHO

7. WATER LEVEL Department of Water Resources Static water level 270 feet below land surface.

2. NATURE OF WORK [X] New well [] Deepened [] Replacement

8. WELL TEST DATA [X] Pump [] Bailer [] Air [] Other

3. PROPOSED USE [] Domestic [X] Irrigation [] Test [] Municipal

9. LITHOLOGIC LOG

4. METHOD DRILLED [X] Rotary [X] Air [] Hydraulic [] Reverse rotary

Table with columns: Bore Diam., Depth, Material, Water. Rows include top soil, hard pan, broken rock, cinders, gravel, sand, and various screens.

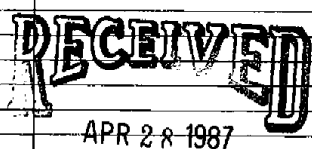
5. WELL CONSTRUCTION Casing schedule: [X] Steel [] Concrete [] Other. Includes details on casing thickness, diameter, perforations, and seal.

Describe access port Waiver granted on 1-2-87 on seal by: John E. Beal

10. Work started 1/12/87 finished 4/17/87

6. LOCATION OF WELL Sketch map location must agree with written location. Includes a grid map and address details.

11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed.



MICROFILMED MAR 09 1988 stamp